

Transferring Transfer Programs

The Associate in Arts (A.A.), Associate in Science (A.S.) and Associate in Fine Arts (A.F.A.) degree programs are designed for transfer to four-year colleges. These degrees give students grounding in their major fields of study, along with the general studies required of freshman and sophomores in four-year schools.

Many Brookdale graduates transfer to four-year colleges to obtain baccalaureate degrees, with the largest number being accepted by Rutgers, Monmouth University, Kean University and the NJ Coastal Community. Students who plan to transfer should work closely with their counselors and should identify a major and potential transfer institution as early as possible.

NJ Transfer

NJ Transfer is a website that provides information on transfer of community college courses to four-year institutions within the state. The initiative was developed jointly by the New Jersey Commission on Higher Education and the New Jersey Presidents' Council, and evolved from the Rutgers University transfer pilot program (ARTSYS). Its many features allow you to learn which community college courses transfer to participating four-year institutions and how they satisfy baccalaureate degree requirements for specific majors.

The following four-year institutions in New Jersey are participating members of the NJ Transfer system: Berkeley College, Bloomfield College, Caldwell College, Centenary College, College of Saint Elizabeth, DeVry University, Drew University, Fairleigh Dickinson University, Felician College, Georgian Court University, Kean University, Monmouth University, Montclair State University, New Jersey City University, New Jersey Institute of Technology, Ramapo College, Richard Stockton College, Rider University, Rowan University, Rutgers University, Saint Peter's College, Seton Hall University, The College of New Jersey, Thomas Edison State College, and William Paterson University.

The website address for NJ Transfer is located at: <http://www.njtransfer.org>. See your counselor for information on using the NJ Transfer System.

Transfer Agreements

In addition to NJ Transfer, the College has developed Transfer Agreements for one or more programs with the following out-of-state four year institutions: Adelphi University, Drexel University, Laboratory Institute of Merchandising, Metropolitan College of New York (MCNY), Pennsylvania College of Technology and Savannah State University. For specific information on transferability of courses and programs, see your counselor.

Dual Degree Program

The Dual Degree Program (DDP) is an agreement between Rutgers University and the 19 New Jersey community colleges. Through DDP, Rutgers offers a select group of first-year applicants the option of beginning their Rutgers career by enrolling at a New Jersey community college. Upon completion of an Associate of Arts or an Associate of Science degree at Brookdale, DDP participants will be admitted to at least one college of Rutgers University provided a cumulative grade-point average of 3.0

has been achieved in a Recommended Transfer Program. (See NJ Transfer). To be considered for this program, New Jersey high school students should complete a Rutgers application by the December 1 priority application date. Dual Degree Program students should work closely with their counselors to determine course selection and program requirements.

Dual Admissions Program with Georgian Court University

Brookdale participates in a Dual Admissions Agreement with Georgian Court University. Students can be simultaneously admitted to both institutions at the same time or enroll in the Dual Admissions Program any time prior to their last semester at Brookdale. The program ensures qualified students admission to specified Georgian Court Bachelor's degree programs. See your counselor or call 732-224-2570 for more information on this program. The following Brookdale Community College and Georgian Court University programs are included in the Dual Admissions Program. See table below.

Brookdale Community College and Georgian Court University Programs Participating in Dual Admissions Program	
Brookdale Community College	Georgian Court University
A.A. Business Administration Program	B.S. Administration
A.A. Education Program, Elementary, Middle School and Secondary Education Option	*B.A. or B.S. with Liberal Arts Major (choose from among 13 majors) and Teacher Certification (Elementary [K-5] Education with Special Education Endorsement or Subject Specific [Secondary 9-12] education with Special Education Endorsement. Optional Subject Specialization K-8 Endorsement is available for Elementary [K-5] Education).
A.A. Humanities Program, Art, English, Liberal Education, Modern Languages and Music Options	B.A. Art, English, Humanities, Music, Spanish
A.A. Social Science Program, History and Psychology Option; Sociology Concentration	B.A. History, ** Psychology, Social Work (B.S.W.), Sociology
A.F.A. Fine Arts Program, Studio Art Option	B.F.A. Art
A.S. Criminal Justice Program	B.A. Criminal Justice
A.S. Mathematics/Science Program, Biology, Chemistry, Mathematics, Physics, and Science Option	B.A. or B.S. (depending on major): Allied Health Technologies, Biology, Biochemistry, Chemistry, Clinical Laboratory Sciences, Mathematics, Natural Sciences, Physics
A.A.S. Degree Programs (22 programs)	B.A. Applied Arts & Sciences with two concentrations chosen from among 19 business or liberal arts/science disciplines
*The following Education programs are offered through the Community at the Wall Higher Education Center with discounted tuition: Elementary Education with Psychology, English, History or Math, and Secondary Education with English, History or Math ** Effective Fall 2007: Psychology will be offered through the Community at the Wall Higher Education Center with discounted tuition.	

The Brookdale Rutgers Partnership

Brookdale graduates of select programs may continue studies toward a Baccalaureate degree at the Western Monmouth Campus at Freehold. Graduates of the Nursing Program may pursue a B.S. in Nursing; Associate of Arts degree holders in Business, Humanities, or Social Science may pursue a B.A. in Labor Studies and Employment Relations; and graduates of select A.A.S. programs may continue studies toward a B.A. in Liberal Studies. Additional programs are planned for the future.

NJ Coastal Communiversity

New Jersey Coastal Communiversity students can now earn their associate, bachelor and master degrees through one of six colleges or universities right here in Monmouth County at the New Jersey Coastal Communiversity. The Communiversity was created so that Brookdale students have a local and affordable post-Brookdale opportunity in the most popular degrees.

Associate degree students currently at Brookdale can prepare to move seamlessly to a partners' bachelor's degree program. Associate degree graduates and returning students can also take advantage of this unique opportunity. The Communiversity partners are Brookdale Community College, Georgian Court University, Montclair State University, New Jersey City University, New Jersey Institute of Technology, and Rutgers, the State University of New Jersey.

The Communiversity offers associate degrees in:

- Business Administration
- Computer Science
- Criminal Justice
- Education
- Liberal Arts
- Nursing

Bachelor's Degrees in:

- Education: Elementary
- Education: Secondary
- Business Administration-Accounting
- Business Administration-Management
- Business Administration-Marketing
- Computer Science
- Fire Science
- Information Systems
- Information Technology
- Criminal Justice

- Liberal Studies
- Labor Studies/Employment Relations
- Nursing
- Psychology

Graduate degrees in:

- Accounting
- Business Administration (MBA)
- Education Administration
- Education: Elementary
- Education: Secondary
- Nursing
- Teacher Certification
- Security

Graduate level certificates are also offered, including School Nurse Certification and technology.

First time undergraduates enroll at their community college as Communiversity students, choosing a major from one of the offerings above. They take freshman and sophomore level courses at any of Brookdale's six locations, registering for the courses specified in the partnership agreement and in collaboration with their counselor. Students pay community college tuition for the freshman and sophomore years. During their final semester of their associate's degree, students apply for admission to the Communiversity partner and transfer associate degree credits to the bachelor's degree program. Students complete their bachelor's degree by taking their junior-and senior-level courses at the Communiversity campus and pay the tuition rate of the partner school offering the bachelor's degree.

Students who have earned college credits or an associate degree outside of the Communiversity select their desired bachelor's degree and apply to the respective partner school. Previous credits will be evaluated for transfer into the selected program. If additional freshman or sophomore-level credits are needed to fulfill partner school requirements, they may be taken at Brookdale and pay the community college tuition rate. Upon completion of any freshman/sophomore requirements, students commence bachelor degree studies at the Communiversity campus, paying the tuition of the partner school. Graduates receive bachelor degrees from their partner school.

Students seeking graduate degrees and certificates may select the desired graduate program and apply to the appropriate partner school. Any prerequisite courses for graduate programs may be completed at the Communiversity if necessary. Upon satisfying admission requirements, students take graduate courses at the Communiversity campus and pay the tuition rate of the partner school offering the graduate program. Graduates are awarded master degrees or certificates.

For more information, please call 732-280-7090, ext. 6006, e-mail info@njcommuniversity.org, or visit the Communiversity website at www.njcommuniversity.org.

In addition to being the site of the NJ Coastal Communiversity, the Communiversity is also the site of the Brookdale Higher Education Center at Wall where Brookdale students can take many of the classes they need towards their associate degree.

Career Programs

The Associate in Applied Science (A.A.S.) degree programs are career-related. Students receive education and training in the skills needed for employment, plus the general studies designed to turn out well-rounded employees. While some credits may transfer to four-year institutions, the A.A.S. programs are not designed for transfer.

Graduates of Associate of Applied Science Programs (A.A.S.) can transfer to baccalaureate degree programs designed to build upon the education provided by career programs. Brookdale maintains a partnership at Western Monmouth with Rutgers University for the Liberal Studies Program and holds a Dual Admission Agreement with Georgian Court University which includes the Bachelor of Arts in Applied Arts and Sciences Degree. Both of these programs are designed to complement the education provided in AAS career programs. Articulation agreements with four-year institutions for specific programs may also be available. See your Counselor for further information on transfer opportunities for specific career programs.

General Education

General education is “instruction that presents forms of expression, fields of knowledge, and methods of inquiry fundamental to intellectual growth and to the mature understanding of the world and of the human condition as distinguished from ‘specialized education’ which prepares individuals for particular occupations or specific professional responsibilities.” (N.J.A.C. 9A: 1-1.2)

All programs leading to an associate degree at Brookdale will include a distribution of courses in the general education portion of the curricula from the following major knowledge areas:

- Communications (C)
- Humanities (HU)
- Social Sciences (SS)
- Mathematics (M)

- Sciences (SC)
- Technological or Information Literacy (IT)
- History (HI)
- Cultural and Global Awareness (CG)
- Ethical Dimension (E)

Students should choose their general education courses based upon the degree sought and their transfer plans. Student Development Specialists (Counselors) work with students to design a plan of study and approve the plan in the name of the College.

General Education courses are marked with a (●) in the course description section of the catalog. A list of General Education courses by category is on the following page:

General education requirements for each degree program are summarized in the table below:

<i>General Education Knowledge Areas</i>		Associate in Arts (A.A.)	Associate in Science (A.S.)	Associate in Applied Science (A.A.S.) or Fine Arts (A.F.A.)	Certificates
1	Communications (C)	9 credits [2 composition and 1 speech course]	6 credits [2 composition courses]	6 credits [2 composition courses]	3 credits [1 composition course]
2	Humanities (HU)	9 credits	3 credits*	3 credits	3 credits
3	Social Sciences (SS)	6 credits	3 credits*		
4	Mathematics (M)	3-8	3-8	9 credits	3 credits
	Sciences (SC)	4-8	4-8		
	Technological or Information Literacy Competency (IT)	0-4	0-4		
		12 credits			
5	History (HI)	6 credits			
6	Cultural and Global Awareness (CG)**	3 credits	3 credits are recommended	3 credits are recommended	
7	Ethical Dimension (E)	At least one course in the student’s program of study must contain an ethical dimension. This course, which can come from any of the above knowledge areas, should contain a component that helps the student recognize, analyze and assess ethical issues and situations.			
<i>Additional Credits</i>			6 credits Courses from any category	8 credits Courses from any category	
REQUIRED GENERAL EDUCATION CREDITS		45	30	20	6

*Students must take 3 credits in Humanities and 3 credits in Social Sciences, plus an additional 3 credits in either category for a total of 9 credits

**Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area.

A description of the General Education courses that meet the requirements of each General Education category are described in the following Programs of Study section for each degree program.

Programs of Study

Associate in Arts (A.A.)

The Associate in Arts programs serve students who plan to transfer to four-year colleges. These institutions require a broad range of general education courses for freshman and sophomores, and concentrate on major-related courses in the junior and senior years. This degree includes no fewer than **45 general education credits** from the following knowledge areas.

1. **Communications (C) - 9 credits** to include two Composition (writing) courses and one Speech course.
2. **Humanities (HU) - 9 credits** in any broad-based courses in the history of or appreciation of Art, Music, and Theater; Literature; Foreign Language; Philosophy; Religious Studies; or additional broad-based history course in Western, non-Western, American, or World (Civilization) History.
3. **Social Sciences (SS) - 6 credits** selected from introductory courses in Anthropology, Economics, Geography, Political Science, Psychology or Sociology.
4. **Mathematics (M), Sciences (SC), and Technological or Information Literacy Competency (IT) - 12 credits** including 3-8 credits in Mathematics at a level that minimally requires a prerequisite of basic algebra for non-Math and non-Science programs, and a level of math that minimally requires a prerequisite of intermediate algebra for Math and Science programs; 4-8 credits in science in general biology, chemistry, physics, or environmental sciences, at least one of which must have a laboratory component; 0-4 credits in a rigorous introduction to computer science or a computer applications course or by taking comparable coursework that emphasizes common computer skills and/or helps students access, analyze, and communicate information using appropriate technologies. A student may be waived from the Technological/Information Literacy competency requirement by passing a proficiency exam or by taking comparable coursework within other portions of General Education courses or outside of the General Education portion of his or her studies. Such courses will be designated in the catalog by a (t).
5. **History (HI) - 6 credits** selected from broad-based courses in Western, non-Western, American or World (Civilization) History.
6. **Cultural and Global Awareness (CG) (Diversity)** - One course is recommended from those courses designated with a (CG). This designation is for any course that significantly helps students analyze the implications of the commonalities and differences among culturally diverse people. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

7. **Ethical Dimension (E):** At least one course in the student's program of study must contain an ethical dimension, a course which contains a component that helps the student to recognize, analyze and assess ethical issues and situations. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

Associate in Science (A.S.)

The Associate in Science (A.S.) programs serve students who plan to transfer to four-year colleges for science-related majors. These institutions require a broad range of general education courses for freshman and sophomores, and concentrate on major-related courses in the junior and senior years. This degree includes no fewer than 30 general education credits distributed among:

1. **Communications (C) - 6 credits** to include two Composition (writing) courses, may include an additional course in Speech.
2. **Humanities (HU) - 3 credits** in any broad-based courses in Art, Music, Theater, Literature, Foreign Language, Philosophy, Religious Studies or additional broad-based history course in Western, non-Western, American, or World (Civilization) History.
3. **Social Sciences (SS) - 3 credits** selected from introductory courses in Anthropology, Economics, Geography, Political Science, Psychology or Sociology.
4. **Mathematics (M), Sciences (SC), and Technological or Information Literacy Competency (IT) - 9 credits** including 3-8 credits in Mathematics at a level that minimally requires a prerequisite of basic algebra for non-Math and non-Science programs, and a level of math that minimally requires a prerequisite of intermediate algebra for Math and Science programs; 4-8 credits in science in general Biology, Chemistry, Physics, or Environmental Sciences, at least one of which must have a laboratory component; 0-4 credits in a rigorous introduction to computer science or a computer applications course or by taking comparable coursework that emphasizes common computer skills and/or helps students access, analyze, and communicate information using appropriate technologies. A student may be waived from the Technological/Information Literacy competency requirement by passing a proficiency exam or by taking comparable coursework within other portions of General Education courses or outside of the General Education portion of his or her studies. Such courses will be designated in the catalog by a (t).

5. **3 additional credits in Social Science or Humanities**

knowledge areas as described above.

6. **Additional 6 credits** can be chosen from any of the above categories but cannot exceed the number of credits listed in the A.A. program credit distribution requirements.

7. **Cultural and Global Awareness (CG) (Diversity)** – One course is recommended from those courses designated with a (CG). This designation is for any course that significantly helps students analyze the implications of the commonalities and differences among culturally diverse people. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

8. **Ethical Dimension (E):** At least one course in the student's program of study must contain an ethical dimension, a course which contains a component that helps the student to recognize, analyze and assess ethical issues and situations. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

Associate in Applied Science (A.A.S) or Associate in Fine Arts (A.F.A.)

The Associate in Applied Science (A.A.S.) programs prepare students to enter employment as well-rounded, skilled workers.

The Associate in Fine Arts (A.F.A.) is designed for students who plan to transfer to a four-year college to pursue a Bachelor in Fine Arts Degree. It provides an exposure to the general education courses required by four-year Bachelor of Fine Arts Programs.

The A.A.S. or A.F.A. Degrees will include no fewer than **20 General Education credits** distributed among:

1. **Communications (C) - 6 credits** to include two Composition (writing) courses, may include an additional course in Speech.
2. **Humanities (HU) or Social Science (SS) – 3 credits** from either of the knowledge areas as defined in the A.A. section.
3. **Mathematics (M), Sciences (SC), and Technological or Information Literacy Competency (IT) – 3 credits** as defined in the A.A. and A.S. requirements.
4. **Cultural and Global Awareness (CG) (Diversity)** – One course is recommended from those courses designated with a (CG). This designation is for any course that significantly helps students analyze the implications of the commonalities

and differences among culturally diverse people. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

5. **Ethical Dimension (E):** At least one course in the student's program of study must contain an ethical dimension, a course which contains a component that helps the student to recognize, analyze and assess ethical issues and situations. Students may meet this requirement while simultaneously fulfilling the General Education requirement for another knowledge area or other program requirements.

6. General education courses for these degrees should support career preparation.

7. The **additional 8 credits** can be chosen from any of the above categories but cannot exceed the number of credits listed in the A.S. program credit distribution requirements.

Certificate Programs

Certificate programs shall consist of 30 to 36 credits, including 6 credits of general education. Any offering of clustered courses consisting of less than 30 credits will be entitled Certificate of Achievement.

Certificate programs will include no fewer than 6 general education credits distributed among:

1. **Communication (C) – 3 credits** in Composition (writing).
2. **3 credits** in either Humanities (HU), Social Science (SS), or Mathematics (M), Science (SC) or Technological and/or Information Literacy Competency (IT).
3. **General education coursework** in excess of the required 6 semester credit hours should follow the specialized associate degree (A.F.A. or A.A.S.) program distribution requirements.

Certificate of Achievement

An offering of clustered courses consisting of less than 30 credits is a Certificate of Achievement.

Certificate of Achievement programs require no general education courses beyond those which support career education.

General Education Courses By Category

● Symbol used to identify General Education courses in course description section of catalog

Course Code	Course Title	Credits
COMMUNICATIONS (C)		
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
SPCH 115	Effective Speech	3
HUMANITIES (HU)		
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARTH 105	Art Appreciation	3
ARTH 106	History of Art: Ancient Through Medieval	3
ARTH 107	History of Art: Renaissance Through Contemporary	3
CHNS 101	Elementary Chinese I	4
CHNS 102	Elementary Chinese II	4
CINE 105	Film Appreciation: Motion Picture/Art	3
ENGL 155	The Short Story	3
ENGL 156	Introduction to Poetry	3
ENGL 158	Introduction to Literature	3
ENGL 231	British Literature I: Beginnings to 18th Century	3
ENGL 232	British Literature II: Romantic Era to The Modern Age	3
ENGL 235	World Literature I	3
ENGL 236	World Literature II	3
ENGL 245	American Literature I	3
ENGL 246	American Literature II	3
FRCH 101	Elementary French I	4
FRCH 102	Elementary French II	4
FRCH 203	Intermediate French I	3
FRCH 204	Intermediate French II	3
FRCH 206	French Conversation and Composition I	3
FRCH 207	French Conversation and Composition II	3
GRMN 101	Elementary German I	4
GRMN 102	Elementary German II	4
GRMN 203	Intermediate German I	3
GRMN 204	Intermediate German II	3
HUMN 125	The Creative Process	3
ITAL 101	Elementary Italian I	4
ITAL 102	Elementary Italian II	4
ITAL 203	Intermediate Italian I	3
ITAL 204	Intermediate Italian II	3
JPSN 101	Elementary Japanese I	4
JPSN 102	Elementary Japanese II	4
JPNS 203	Intermediate Japanese I	3
JPSN 204	Intermediate Japanese II	3
MUSI 115	Music Appreciation	3
MUSI 116	History of Jazz	3
PHIL 105	Practical Reasoning	3
PHIL 115	Introduction to Philosophy	3
PHIL 225 (CG)	Comparative Religion	3
PHIL 226	Logic	3
PHIL 227	Introduction to Ethics	3
PHTY 105	Photography As an Art Form	3

Course Code	Course Title	Credits
HUMANITIES (HU)		
RUSS 101	Elementary Russian I	4
RUSS 102	Elementary Russian II	4
SPAN 101	Elementary Spanish I	4
SPAN 102	Elementary Spanish II	4
SPAN 203	Intermediate Spanish I	3
SPAN 204	Intermediate Spanish II	3
THTR 105	Theater Appreciation	3
THTR 135	Musical Theater	3
SOCIAL SCIENCES (SS)		
ANTH 105 (CG)	Cultural Anthropology	3
ANTH 205	Culture and Personality	3
CRJU 151	Introduction to Criminology	3
ECON 105	Macro Economics	3
ECON 106	Micro Economics	3
ECON 107	Economics	3
HGEO 105 (CG)	Human Geography	3
POLI 101	Introduction to Political Science	3
POLI 105	American National Government	3
POLI 115	State, County, and Local Government	3
PSYC 105	Introduction to Psychology I	3
PSYC 106	Introduction to Psychology II	3
PSYC 206	Human Growth and Development I	3
PSYC 207	Human Growth and Development II	3
SOCI 101	Principles of Sociology	3
SOCI 202	Analysis of Social Problems	3
SOCI 215	Marriage and the Family	3
MATHEMATICS (M)		
MATH 131	Statistics	4
MATH 136	Mathematics for the Liberal Arts	3
MATH 137	Finite Mathematics	3
MATH 145	Algebraic Modeling	4
MATH 146	Advanced Topics in Mathematics for the Liberal Arts	4
MATH 151	Intermediate Algebra	4
MATH 152	College Algebra & Trigonometry	4
MATH 153	Pre-Calculus Mathematics	4
MATH 171	Calculus I	4
MATH 172	Calculus II	4
SCIENCES (SC)		
BIOL 101	General Biology I	4
BIOL 102	General Biology II	4
BIOL 105	Life Sciences	4
BIOL 107	Human Biology	3
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
BIOL 125	Introduction to Plants	4
CHEM 100	Principles of Chemistry	4
CHEM 101	General Chemistry I	5
CHEM 102	General Chemistry II	5
CHEM 116	Chemistry In Life	4
CHEM 136	Introduction to Inorganic, Organic and Biological Chemistry	4
ENVR 101	Physical Geology	4
ENVR 102	Historical Geology	4

Course Code	Course Title	Credits
SCIENCES (SC)		
ENVR 105	Environmental Studies	3
ENVR 111	Oceanography	4
ENVR 121	Physical Geography	3
ENVR 125	Meteorology	3
PHYS 106	Astronomy	3
PHYS 108	Physics in Life	4
PHYS 111	General Physics I (Non-Calculus)	4
PHYS 112	General Physics II (Non-Calculus)	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4
PHYS 223	General Physics III	4
TECHNOLOGICAL AND INFORMATION LITERACY COMPETENCY (IT)		
COMP 129	Computer Literacy	3
HISTORY (HI)		
HIST 105 (CG)	World Civilization I	3
HIST 106 (CG)	World Civilization II	3
HIST 107 (CG)	Contemporary World History	3
HIST 108	Modern European History	3
HIST 135	American Civilization I	3
HIST 136	American Civilization II	3
HIST 137	Recent American History	3
CULTURAL AND GLOBAL AWARENESS (CG)		
ANTH 105 (SS)	Cultural Anthropology	3
ANTH 106	Cultures of the World	3
ENGL 128	Writing From the Female Experience	3
ENGL 150	African-American Literature	3
ENGL 175	Woman As Author	3
HGEO 105 (SS)	Human Geography	3
HIST 105 (HI)	World Civilization I	3
HIST 106 (HI)	World Civilization II	3
HIST 107 (HI)	Contemporary World History	3
HIST 125	Women's History Survey: Experiences, Contributions & Debates	3
HIST 126	Dimensions of the Holocaust	3
HIST 145	African-American History I	3
HIST 146	African-American History II	3
HIST 155	Native American Studies	3
HIST 215	African Civilization	3
HIST 216	Puerto Rican Culture	3
HIST 217	Modern Latin American History	3
HIST 218	History of Ecuadorian Society and Civilization	3
HIST 225	Modern Asia	3
HIST 226	History of Modern Russia	3
HIST 227	Middle Eastern History	3
HIST 235	Immigration & Ethnicity in American History	3
HUMN 129	Issues in Women's Studies	3
HUMN 230	Women and Science	3
PHIL 225 (HU)	Comparative Religion	3
PSYC 217	Social Psychology	3
SOCI 105	Intercultural Communication: The Person and The Process	3
SOCI 216	Sociology in Minorities	3

Transfer of General Education Courses

Brookdale Community College's Policy and General Education Regulation Requirement were revised in Spring 2007 to comply with the New Jersey Statewide General Education model, and as such, all students matriculating into a program beginning July 1, 2007 will follow this revised General Education requirement. Students who withdraw for a year and are later re-admitted must follow graduation requirements in effect in the re-entry term.

Currently Brookdale has two groupings of General Education (General Education and General Education Electives) that will remain in effect throughout this transitional year. The College is confident that General Education courses will transfer to most New Jersey state four year institutions as the same General Education requirement as at Brookdale. However, students should consult with their Student Development Specialist to determine the transferability of GE Electives.

The General Education courses are provided in a list and in the Course Description section of the catalog. General Education courses are also identified with a dot [●] next to the course code in the course descriptions. General Education Electives are identified with a square [■] next to the course code in the course descriptions.

Core Competencies

The following core competencies represent the essential elements of a complete and relevant education at Brookdale Community College. They are the skills and abilities that graduates of all associate degree programs should acquire. They are the abilities necessary to be effective as a person, a worker, a citizen, and a life-long learner.

The general education distribution requirements support acquisition of the following core competencies by all graduates:

Communication

The student will communicate information and ideas clearly and effectively in the written and spoken form, and will demonstrate effective listening and reading skills.

Mathematical/Scientific Reasoning

The student will use mathematical and/or scientific skills and methods to organize information and develop and test conjectures. The student will also analyze and solve problems and interpret the results within the context of practical applications.

Critical Thinking

The student will think clearly, critically and creatively to analyze information, identify solutions, make logical decisions and solve problems.

Creative Expression

The student will use visual, verbal or written methods of communication to articulate a response to the arts and/or humanities.

Information Literacy

The Student will identify a need for information and collect, analyze, organize and evaluate information from a variety of sources. The student will synthesize, document and present information.

Technological Literacy

The student will use computer systems and other appropriate forms of technology to achieve professional, educational, and personal objectives.

Historical/Societal Analysis

The student will identify and analyze historical and/or societal issues as they impact current and future trends.

Community and Workplace

The student will demonstrate cultural sensitivity within the context of the contemporary, diverse, global community. The student will demonstrate ethical conduct and effective teamwork.

Personal Development

The student will use the biological, psychological and social dimensions of health and wellness to improve and maintain physical and emotional well-being. The student will demonstrate personal, time and stress management skills.

Programs

Accounting Program A.A.S.56
 Architecture Program A.S.57
 Automotive Technology Program A.A.S.
 Automotive Technology Option58
 Automotive Engineering Technician
 Option59
 General Motors Automotive Service
 Educational Program Option60
 Toyota Technical Educational Network
 (T-TEN)61
 Business Administration Program A.A.63
 Accounting Option64
 Business Program A.A.S.
 Business Management Option65
 Food Service Management Option66
 Business Technology Systems Program
 A.A.S.67
 Communication Design Program A.A.S. . . .68
 Communication Media Program A.A.S.
 Audio Production Option69
 Television Production Option70
 Computer Aided Drafting and Design
 Technology Program A.A.S.71
 Computer Science Program A.S.72
 Computer Science Program A.A.S.
 Programming Option.73
 Web Site Development Option74
 Criminal Justice Program A.S.75
 Corrections Option76
 Culinary Arts Program A.A.S.77
 Dental Hygiene Program A.A.S.79
 Digital Animation and 3D Design A.A.S. . . .81
 Game Programming Option82
 Early Childhood Education Program
 A.A.S.83
 Education Program A.A.84
 Early Childhood Education Option84
 Elementary, Middle School and
 Secondary Option85
 Electric Utility Technology A.A.S.86
 Electronics Technology Program A.A.S.
 Electronics Engineering Technology
 Option87
 Electronic Computer Technician
 Option88
 Engineering Program A.S.90
 Fashion Merchandising Program A.A.S. . . .91
 Fine Arts Program A.F.A.
 Studio Art Option92
 Health Information Technology A.A.S.93
 Humanities Program A.A.
 Art Option95

Broadcasting Option96
 Communication Design Option97
 Creative Writing Option98
 English Option99
 Journalism Option100
 Languages Option101
 Liberal Education Option102
 Media Studies Option103
 Music Option104
 Photography Option105
 Public Relations Option106
 Speech Communications Option107
 Speech/Theater Option108
 Women's Studies Option109
 Human Services Program A.A.S.
 Generalist110
 Addiction Studies Option111
 Corrections Option112
 Interior Design Program A.A.S.113
 Marketing Program A.A.S.114
 Mathematics/Science Program A.S.
 Biology Option115
 Chemistry Option116
 Environmental and Earth Sciences . . .117
 Mathematics Option118
 Physics Option119
 Science Option120
 Network Engineering Technology and
 Administration A.A.S
 Computer LAN/WAN Technician CCNA
 Option121
 Network Administration MCSE Option .122
 Nursing Program A.A.S.123
 Paralegal Studies Program A.A.S.124
 Radiologic Technology Program A.A.S. . . .125
 Respiratory Therapy Program A.A.S.126
 Social Sciences Program A.A.127
 Anthropology Option128
 Ethnic Studies Option129
 History Option130
 International Studies Option131
 Philosophy Option132
 Political Science Option133
 Psychology Option134
 Public Administration Option135
 Technical Studies Program A.A.S.
 Business Management Option136

Certificates

Certificates of proficiency, designed to credentialize competency in particular skills areas, are available. They are listed after the degree programs or options to which they refer. The credits earned in these certificates are applicable to the related degree programs.

Certificate	Total Credits	Page
Accounting Certificate.	30	56
E-Business Certificate.	32	65
Office Assistant Certificate	31	67
Webmaster Administration Certificate	30	74
Culinary Arts Certificate	33	78
Pastry Arts Certificate	30	78
Dental Assisting Certificate	33	80
Early Childhood Education Certificate.	34-36	83
A+ Computer Repair Technician Certificate	31	88
Computer LAN/WAN Technician Certificate/CCNA.	34	89
Horticulture	30	94

Certificates of Achievement

Automotive Brakes, Steering, Suspension and Alignment Specialist	16	61
Automotive Electrical Power Systems Specialist	23	62
Automotive Transmissions Systems Specialist	20	62
Automotive Engine Performance Specialist	24	62
Automotive Engine Remanufacturing Specialist	20	62
Basic Automotive Technician	28	62
Advanced Automotive Technician	19	62
Automotive Parts and Service Management	20	62
CCNA and MCSE Networking Administration	34	89
Computer-Aided Drafting and Design	25	71
Digital Arts	18	95
Floral Design	6	94
Landscape Design	15	94
Social Services	27	110

Other Certifications

Culinary Arts Letter of Recognition	12	78
CISCO CCNA Certification	16	89

Accounting Program A.A.S. Degree

This career program provides the student with the business concepts and procedures used in compiling data and financial records. The student gains understanding of accounting methods and basic accounting theory. Accounting and business courses form the core of the program. Job titles for graduates include account analyst, accounting clerk, and junior accountant. This program is not designed for transfer to a four-year school, though many of the courses will prove to be transferable. Students wishing to continue toward bachelor's degrees should choose the Accounting Option of the Business Administration Program – A.A. Degree.

Graduates of this program will be able to:

- ✓ Analyze economic events of a business entity
- ✓ Communicate the economic events in the form of general purpose financial statements including:
 - income statements
 - net earnings statements
 - balance sheets
 - cash flow statements
- ✓ Demonstrate ethical/professional responsibility in the analysis and disclosure of business events

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
SPCH 115	Effective Speech	3
ECON 105	Macro Economics	3
ENGL 121	English Composition: The Writing Process AND	3
ENGL 122	English Composition: Writing and Research	3

Career Studies – 21 credits as follows:

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 105	Introduction to QuickBooks	3
ACCT 112**	Managerial Accounting	3
ACCT 115*	Federal Income Tax	3
ACCT 203*	Intermediate Accounting I	3
ACCT 204**	Intermediate Accounting II	3

Career Studies – 12 credits from among the following:

ACCT 299	Accounting Internship	3
BUSI 105	Introduction to Business	3
BUSI 165	Computer Applications in Business	3
BUSI 221	Business Law I	3
BUSI 222	Business Law II	3
BTEC 141	Excel for Windows	4
ECON 106	Micro Economics	3
ECON 225	Business Statistics	3

Electives 7

A grade of “C” or higher is required in all General Education courses.

Accounting Certificate

The Certificate in Accounting is career-oriented in nature. Students will be awarded a Certificate of Proficiency in Accounting with particular emphasis on computer applications. An internship with an existing employer or with a Brookdale-arranged employer can be used for 1-to-3 elective credits.

Requirements

General Education – 9 credits

The following General Education courses, while not required are recommended for students choosing this Certificate.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
PHIL 227	Introduction to Ethics	3
SPCH 115	Effective Speech	3

Career Studies – 18 credits as follows:

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
ACCT 105	Introduction to QuickBooks	3
ACCT 112	Managerial Accounting	3
ACCT 115	Federal Income Tax	3
ENGL 127	Business Writing	3

Electives 3

Total Credits 30

Suggested Sequence – For students matriculated before July 1, 2007 Accounting Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ACCT 101	3	ACCT 102	3
Career Studies	3	ACCT 105	3
ENGL 121	3	Career Studies	3
Humanities	3	ENGL 122 OR	3
Social Sciences	3	SPCH 115	
		Math OR Science	3-4
	15		15-16
SEMESTER 3		SEMESTER 4	
ACCT 115*	3	ACCT 112**	3
ACCT 203*	3	ACCT 204**	3
Career Studies	3	Career Studies	3
ECON 105	3	General Education	3
Elective	3	Elective	3-4
	15		15-16
		Total Credits for Degree	60-62

*Offered Fall Term in evenings
**Offered Spring Term in evenings

Architecture Program A.S. Degree

This degree program is for students wishing to transfer to Bachelor of Architecture schools at accredited colleges or universities. The program provides the equivalent number and type of courses generally required in the first two years of study within a five-year curriculum. Completion of a five-year curriculum is a requirement for licensing as a professional architect. An architectural education embodies the study of both art and engineering disciplines. The program's goal is to develop creative and analytical skills in both of these areas.

Graduates of this program will be able to:

- ✓ Identify how the history of architecture influences current design
- ✓ Discuss what non-design factors influence building design
- ✓ Explain the technical requirements of building and construction
- ✓ Demonstrate the ability to organize a building program into building space from functional and aesthetic perspectives
- ✓ Develop three-dimensional utilization abilities through abstract design exercises
- ✓ Be versed in architectural presentation techniques in both manual and digital formats

Requirements

General Education – 30 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this degree program. Students should consult their counselor and the Architecture Program coordinator prior to the selection of these courses.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
ARTH 205	Modern Art	3
ARTS 111	Drawing I	3
MATH 152	College Algebra and Trigonometry	4
MATH 153	Pre-Calculus Mathematics	4
	Physics	4

Career Studies – 36 credits as follows:

ARCH 121	People and Their Environment	3
ARCH 131	Introduction to Design I	4
ARCH 132	Introduction to Design II	4
ARCH 151	Architectural Construction I	3
ARCH 152	Architectural Construction II	3
ARCH 245	History of Architecture: Pre-History to Gothic	3
ARCH 246	History of Architecture: Renaissance to Mid-19th Century	3
ARCH 247	History of Architecture: Industrial Revolution to Modernism	3
ARCH 261	Architectural Studio I	5
ARCH 262	Architectural Studio II	5

Suggested Electives:

Physics	4
---------	---

Suggested Sequence – For students matriculated before July 1, 2007

Architecture Program A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and *prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ARCH 121	3	ARCH 132	4
ARCH 131	4	ARCH 152	3
ARCH 151	3	ARCH 245	3
ENGL 121	3	ENGL 122	3
MATH 152*	4	MATH 153	4
	17		17
SEMESTER 3		SEMESTER 4	
ARCH 246	3	ARCH 247	3
ARCH 261	5	ARCH 262	5
ARTH 107	3	Physics Elective	4
Physics	4	Social Sciences	3
Social Sciences	3	ARTH 205	3
	18		18
		Total Credits for Degree	70

*MATH 151 may be required if prerequisites for MATH 152 are not satisfied.

Automotive Technology Program A.A.S. Degree

Automotive Technology Option

This program is designed to meet the continual demand for trained automotive technicians. The student participates in hands-on experiences in testing, diagnosing, and repairing automobiles. Emphasis in class and laboratory is placed on real-world, hands-on experience. Upon graduation, the student is fully qualified to work in an auto service center/dealership as an auto technician, and may lead to positions such as service advisor, service manager, parts counter person, and service writer. As an A.A.S. degree, this option is not designed for transfer to a four-year school, but many courses may prove to be transferable.

Graduates of this program will be able to:

- ✓ Demonstrate proficiency in the diagnosis of an automobile malfunction
- ✓ Demonstrate competency in the repair and service of an automobile
- ✓ Communicate effectively with customers and members of the automotive team
- ✓ Demonstrate professional accountability
- ✓ Continue professional growth

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 39 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 111	Automotive Drivelines and Transmissions	4
AUTO 123	Engine Performance I	4
AUTO 131	Automotive Steering, Suspension and Alignment	4
AUTO 132	Automotive Brake Systems	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 222	Engine Performance II	4
AUTO 226	Automotive Engines I	4
AUTO 241	Automotive Electricity/Electronics II	3
AUTO 243	Automotive Heating and Air Conditioning	4

Career Studies – 4 credits from among the following:

AUTO 213	Automatic and Manual Transmission Overhaul	4
AUTO 227	Automotive Engines II	4

Suggested Sequence – For students matriculated before July 1, 2007
Automotive Technology Program A.A.S. Degree
Automotive Technology Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
AUTO 101	4	AUTO 111	4
AUTO 131	4	AUTO 123	4
AUTO 141	4	AUTO 132	4
Communications	3	Communications	3
	15	General Education	3
			18
SEMESTER 3		SEMESTER 4	
AUTO 222	4	AUTO 213	4
AUTO 226	4	AUTO 241	3
AUTO 243	4	Humanities	3
Mathematics OR Science	3-4	Social Sciences	3
	15-16	General Education	3
			16
		Total Credits for Degree	64-65

Automotive Technology Program A.A.S. Degree

Automotive Engineering Technician Option

The thrust of this option is toward employment in engineering laboratories and service industries. This option places greater emphasis on the scientific and mathematical concepts of the automobile design. Job titles include lab technician and automotive engineering assistant. As an A.A.S. degree, this option is not designed for transfer into a four-year institution, although many courses may prove to be transferable.

Graduates of this program will be able to:

- ✓ Demonstrate proficiency in the diagnosis of an automobile malfunction
- ✓ Demonstrate competency in the repair and service of an automobile
- ✓ Communicate effectively with customers and members of the automotive team
- ✓ Demonstrate professional accountability
- ✓ Continue professional growth

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 40 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 111	Automotive Drivelines and Transmissions	4
AUTO 123	Engine Performance I	4
AUTO 131	Automotive Steering, Suspension and Alignment	4
AUTO 132	Automotive Brake Systems	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 222	Engine Performance II	4
AUTO 226	Automotive Engines I	4
MATH 162	Technical Mathematics II	4
PHYS 112	General Physics II (non-calculus)	4

Electives 3

The following course while not required, is recommended for students choosing this program:

AUTO 241	Automotive Electricity/Electronics II	3
----------	---------------------------------------	---

Suggested Sequence – For students matriculated before July 1, 2007 Automotive Technology Program A.A.S. Degree Automotive Engineering Technician Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
AUTO 101	4	AUTO 111	4
AUTO 131	4	AUTO 123	4
AUTO 141	4	AUTO 132	4
Communications	3	MATH 161	4
	15		16
SEMESTER 3		SEMESTER 4	
AUTO 222	4	AUTO 241	3
AUTO 226	4	PHYS 112	4
MATH 162	4	Humanities	3
PHYS 111	4	Social Sciences	3
	16	Communications	3
			16
		Total Credits for Degree	63

Automotive Technology Program A.A.S. Degree

General Motors Automotive Service Educational Program

The GM-ASEP is a special program developed by Brookdale's Automotive Department in conjunction with General Motors Corporation to upgrade the competency and professional level of the incoming dealership technician. The two-year program will require the student to attend classes at Brookdale for a portion of each semester, and then work in a GM dealership for the remaining portion of the semester. This is a rigorous training program which requires certain testing and prerequisites prior to acceptance. For further information, please contact the Automotive Technology Department, ASEP Coordinator. The GM-ASEP program is certified by the National Automotive Technicians Education Foundation (NATEF).

Graduates of this program will be able to:

- ✓ Demonstrate proficiency in the diagnosis of a General Motors automobile malfunction
- ✓ Demonstrate competency in the repair and service of the General Motors product
- ✓ Communicate effectively with customers and members of the automotive team
- ✓ Demonstrate professional accountability
- ✓ Continue professional growth

Requirements

General Education- 20 credits as described on page 47.

Career Studies - 47 credits as follows:

Code	Course	Credits
AUTO 106/GM	Basic Automotive Systems/ Air Conditioning	4
AUTO 111/GM	Automotive Drivelines and Transmissions	4
AUTO 123/GM	Engine Performance I	4
AUTO 135/GM	Steering, Suspension, Alignment and Brakes	4
AUTO 141/GM	Automotive Electricity/ Electronics I	4
AUTO 213/GM	Automatic and Manual Transmission Overhaul	4
AUTO 222/GM	Engine Performance II	4
AUTO 226/GM	Automotive Engines I	4
AUTO 241/GM	Automotive Electricity/ Electronics II	3
AUTO 299/GM	Dealership Internship	12

Suggested Sequence – For students matriculated before July 1, 2007

Automotive Technology Program A.A.S. Degree General Motors Automotive Service Educational Program

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
AUTO 106	4	AUTO 123	4
AUTO 111	4	AUTO 135	4
AUTO 141	4	AUTO 299	3
Math OR Science	3-4 15-16	General Education Communications	3 3
			17
SUMMER			
AUTO 299	3 credits		
SEMESTER 3		SEMESTER 4	
AUTO 222	4	AUTO 213	4
AUTO 226	4	AUTO 241	3
AUTO 299	3	AUTO 299	3
General Education	3	Communications	3
Social Sciences	3 17	Humanities	3
			16
Total Credits for Degree			68-69

Automotive Technology Program A.A.S. Degree

Toyota Technical Educational Network (T-TEN)

The Toyota Technical Educational Network, T-TEN, is a two-year automotive technology program that has been developed by Brookdale, in conjunction with Toyota Motor Sales, Inc., to upgrade the competency and professional level of the incoming dealership technician. The program is a two-year program with part of the training taking place at Brookdale and at a sponsoring Toyota dealership. Upon successful completion of the program, the student will receive an Associate in Applied Science (A.A.S.) Degree in Automotive Technology. For further information, contact the Automotive Technology Department or the T-TEN coordinator. The Toyota T-TEN program is certified by the National Automotive Technicians Education Foundation (NATEF).

Graduates of this program will be able to:

- ✓ Demonstrate proficiency in the diagnosis of an automobile malfunction
- ✓ Demonstrate competency in the repair and service of the Toyota/Lexus product
- ✓ Communicate effectively with customers and members of the automotive team
- ✓ Demonstrate professional accountability
- ✓ Continue professional growth

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 49 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 111	Automotive Drivelines and Transmissions	4
AUTO 123	Engine Performance I	4
AUTO 131	Automotive Steering, Suspension and Alignment	4
AUTO 132	Automotive Brake Systems	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 213	Automatic and Manual Transmission Overhaul	4
AUTO 222	Engine Performance II	4
AUTO 241	Automotive Electricity/Electronics II	3
AUTO 226	Automotive Engines I	4
AUTO 243	Automotive Heating and Air Conditioning	4
AUTO 299	Dealership Internship	6

Automotive Certificates of Achievement

These short training programs are designed to train students in a particular area of automotive specialization. Credits earned may later be applied toward the Automotive degree program. Persons completing these are awarded Certificates of Achievement in the particular area of study.

Automotive Brakes, Steering, Suspension and Alignment Specialist Certificate of Achievement

Requirements

Career Studies – 16 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 131	Automotive Steering, Suspension and Alignment	4
AUTO 132	Automotive Brake Systems	4
AUTO 295	Special Project – Automotive Technology	4

Suggested Sequence – For students matriculated before July 1, 2007 Automotive Technology Program A.A.S. Degree Toyota Technical Education Network (T-TEN)

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
AUTO 101	4	AUTO 111	4
AUTO 131	4	AUTO 141	4
AUTO 132	4	Communications	3
Communications	3	Social Sciences	3
	15	Humanities	3
			17
SUMMER			
AUTO 299	3		
SEMESTER 3		SEMESTER 4	
AUTO 123	4	AUTO 222	4
AUTO 213	4	AUTO 226	4
AUTO 243	4	AUTO 241	3
Math OR Science	3-4	General Education	4-5
	15-16		15-16
SUMMER		Total Credits for Degree	
AUTO 299	3 credits		69

Automotive Electrical/Power Systems Specialist Certificate of Achievement

Requirements

Career Studies – 23 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 123	Engine Performance I	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 241	Automotive Electricity/Electronics II	3
AUTO 243	Automatic Heating and Air Conditioning	4
AUTO 295	Special Project - Automotive Technology	4

Automotive Transmission Systems Specialist Certificate of Achievement

Requirements

Career Studies – 20 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 111	Automotive Drivelines and Transmissions	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 213	Automatic and Manual Transmission Overhaul	4
AUTO 295	Special Project-Automotive Technology	4

Automotive Engine Performance Specialist Certificate of Achievement

Requirements

Career Studies – 24 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 123	Engine Performance I	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 222	Engine Performance II	4
AUTO 226	Automotive Engines I	4
AUTO 295	Special Project - Automotive Technology	4

Automotive Engine Remanufacturing Specialist Certificate of Achievement

Requirements

Career Studies – 20 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 123	Engine Performance I	4
AUTO 226	Automotive Engines I	4
AUTO 227	Automotive Engines II	4
AUTO 295	Special Project - Automotive Technology	4

Basic Automotive Technician Certificate of Achievement

Requirements

Career Studies – 28 credits as follows:

Code	Course	Credits
AUTO 101	Automotive Fundamentals	4
AUTO 111	Automotive Drivelines and Transmissions	4
AUTO 123	Engine Performance I	4
AUTO 131	Automotive Steering, Suspension and Alignment	4
AUTO 132	Automotive Brake Systems	4
AUTO 141	Automotive Electricity/Electronics I	4
AUTO 222	Engine Performance II	4

Advanced Automotive Technician Certificate of Achievement

Requirements

Successful completion of basic automotive technician certificate plus courses listed below.

Career Studies – 19 credits as follows:

Code	Course	Credits
AUTO 213	Automatic and Manual Transmission Overhaul	4
AUTO 226	Automotive Engines I	4
AUTO 241	Automotive Electricity/Electronics II	3
AUTO 243	Automotive Heating and Air Conditioning	4
AUTO 295	Special Project - Automotive Technology	4

Automotive Parts and Service Management Certificate of Achievement

The purpose of this certificate program is to prepare the graduate to enter a dealership or other automotive facility as a service writer or parts counter person. This training and preparation is further designed to ultimately lead to a position in management, such as, Assistant Service Manager (ASM), Service Manager and Parts Manager.

Requirements

Career Studies – 20 credits as follows:

Code	Course	Credits
AUTO 171	Automotive Systems Operation for the Parts and Service Professional	4
AUTO 172	Parts and Service Professional Industry Practices, Procedures and Standards	4
AUTO 299	Automotive Internship	3
BUSI 165	Computer Applications in Business	3
MRKT 145	Salesmanship	3
PSYC 205	Industrial Organizational Psychology	3

Business Administration Program A.A. Degree

This program is for students wishing to transfer to four-year colleges which offer Bachelor's degrees in business or business education. It contains a broad range of business-related courses plus the general education studies required for transfer to most four-year schools. Upon graduation from this program, and subsequent completion of a four-year degree, students will be prepared to begin careers in financial management, marketing, personnel management, sales, operations management, government, and other business-related activities with opportunities for promotion to management positions. Students who wish to become business education teachers upon completion of a four-year degree should also begin in this program.

NOTE: Four-year colleges accredited by the American Collegiate Schools of Business may require demonstration of proficiency for selected 200-level courses.

Graduates of this program will be able to:

- ✓ Apply business facts, terminology and concepts
- ✓ Analyze business situations
- ✓ Develop business plans and implement solutions
- ✓ Apply computer software and Internet research to design
- ✓ Create business documents and financial reports
- ✓ Demonstrate understanding of business issues
- ✓ Compose both written and oral reports that convey an understanding of business issues
- ✓ Create reports utilizing appropriate team and interpersonal skills

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Management, Marketing, or Labor Studies, at Brookdale's **New Jersey Coastal Communiversity**. For program details and transfer information, students should talk to their Student Development Specialist or call the Communiversity at 732-280-2090.

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 3 credits

Code	Course	Credits
*BUSI 105	**Introduction to Business	3

Career Studies – 9 credits from among the following:

BUSI 165	**Computer Applications in Business	3
BUSI 205	**Principles of Management	3
BUSI 221	**Business Law I	3
ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II OR	3
ACCT 112	Managerial Accounting	3
ECON 105	***Macroeconomics	3
ECON 106	***Microeconomics	3
MRKT 101	**Introduction to Marketing	3

Electives 3

**Recommended as first BUSI course*

***This course may not automatically transfer to a four-year college. Students should check with their counselor.*

****These courses may be used for general education credits or for career studies, but not both.*

Suggested Sequence – For students matriculated before July 1, 2007 Business Administration Program A. A. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
BUSI 105	3	Career Studies	3
General Education	3	General Education	3
ENGL 121	3	ENGL 122	3
Mathematics	3-4	General Education	3
Humanities	3	Social Sciences	3
	15-16		15
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
SPCH 115	3	General Education	9
Humanities	3	Elective	3
Science	3-4		15
Social Sciences	3	Total Credits for Degree	60-62
	15-16		

Business Administration Program A.A. Degree Accounting Option

This program is for students planning to transfer to four-year colleges to earn Bachelor's degrees with accounting or financial concentrations and to sit for the Certified Public Accountant examination, when eligible. Bachelors of Accounting may work in finance, banking and commerce or they may go into business for themselves. This option couples accounting and business management courses with the general education studies required to transfer to four-year colleges.

NOTE: Four-year colleges accredited by the American Collegiate Schools of Business may require demonstration of proficiency for selected 200-level courses.

Graduates of this program will be able to:

- ✓ Analyze economic events of a business entity
- ✓ Communicate economic events in the form of a general purpose financial statement including:
 - income statement
 - net earnings statement
 - balance sheet
 - cash flow statement
- ✓ Demonstrate ethical/professional responsibility in the analysis and disclosure of an entity's economic event

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Accounting at Brookdale's **New Jersey Coastal Community**. For program details and transfer information, students should talk to their Student Development Specialist or call the Community at 732-280-2090.

Requirements

General Education – 45 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ECON 105	Macro Economics	3
ECON 106	Micro Economics	3
ECON 225	Economic Statistics	3
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
	OR	
MATH	Mathematics, such as Algebra, Statistics, and Calculus	6-8
SPCH 115	Effective Speech	3

Career Studies – 12 credits as follows:

ACCT 101	Principles of Accounting I	3
ACCT 102	Principles of Accounting II	3
**ACCT 203	Intermediate Accounting I (Offered Fall term only)	3
**ACCT 204	Intermediate Accounting II (Offered Spring term only)	3

Electives 3

***This course may not transfer to a four-year college. Students should consult with their counselor.*

Suggested Sequence – For students matriculated before July 1, 2007 Business Administration Program A.A. Degree Accounting Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ACCT 101	3	ACCT 102	3
ECON 105	3	ECON 106	3
ENGL 121	3	ENGL 122	3
Mathematic	3-4	General Education	3
Humanities	3	Social Sciences	3
	15-16		15
SEMESTER 3		SEMESTER 4	
ACCT 203*	3	ACCT 204**	3
SPCH 115	3	ECON 225	3
Humanities	3	General Education	6
Science	3-4	Elective	3
Social Sciences	3		15
	15-16	Total Credits for Degree	60-62

*Offered Fall Term in evenings

**Offered Spring Term in evenings

Business Program A.A.S. Degree

Business Management Option

This career program is designed for students who desire entry-level employment in business and government careers. In addition, this degree, combined with work experience, may enhance promotion opportunities in any phase of business or government employment. The option is not designed for transfer to a four-year college, although many courses will transfer. Persons wishing to transfer should select the Business Administration A.A. program.

Graduates of this program will be able to:

- ✓ Define and apply business terminology and concepts
- ✓ Analyze business situations and develop effective plans for achievement of goals
- ✓ Select appropriate software to solve business-related problems
- ✓ Utilize Internet research to analyze and integrate information for solutions to business-related problems
- ✓ Make decisions that reflect an understanding of how political-legal, competitive, technological, economic and social issues influence business
- ✓ Communicate an understanding of business principles in written and oral form
- ✓ Demonstrate effective team/interpersonal skills

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ECON 105	Macro Economics	3
ECON 106	Micro Economics	3
ENGL 121	English Composition Writing Process	3
SOCI 101	Principles of Sociology	3
SPCH 115	Effective Speech Humanities	3
	Math, Science or Technology	3

Career Studies – 21 credits as follows:

*BUSI 105	Introduction to Business	3
BUSI 165	Computer Applications in Business	3
BUSI 205	Principles of Management (Offered Fall term only)	3
BUSI 206	Supervisory Management (Offered Spring term only)	3
BUSI 231	Human Resource Management	3
BUSI 251	Global Business	3
ACCT 101	Principles of Accounting I	3

Career Studies – 9 credits from among the following:

BUSI 116	Personal Finance	3
BUSI 171	E-Business Technology (Offered Spring Term only)	3
BUSI 221	Business Law I	3
BUSI 241	Small Business Management	3
BUSI 295	Special Project-Management	3
BUSI 299	Business Internship	3
MRKT 101	Introduction to Marketing	3

Electives 10

*Recommended as first BUSI course

E-Business Certificate

This certificate program is designed to train students in technical Internet skills that will enable them to manage and support the infrastructure that sells products or services via the Internet. The specific environments that the business computer applications would be used in are business-to-business, business-to-consumer and E-tailing. Many credits earned in the certificate program may be applied toward one of the Business A.A.S. degrees.

Requirements

General Education - 6 credits

Required:		
ENGL 121	English Composition Writing Process	3
	Any other General Education course	3

Career Studies – 26 credits as follows:

Code	Course	Credits
BUSI 105	Introduction to Business	3
BUSI 165	Computer Applications in Business	3
BUSI 171*	E-Business Technologies	3
BUSI 241	Small Business Management	3
BUSI 251**	Global Business	3
BTEC 115	Introduction to Windows	2
BTEC 165	PowerPoint for Windows	3
MRKT 101	Introduction to Marketing	3
MRKT 266*	Marketing on the Internet	3

Total Credits 32
* Offered Spring only ** Offered Fall only

Graduates of this program will be able to:

- ✓ Demonstrate the understanding of the history and basic terminology of e-business
- ✓ Plan and design a basic web page
- ✓ Develop a sensitivity to the differences in the global e-business economy
- ✓ Identify the issues of privacy and risk while conducting an e-business
- ✓ Develop an e-business marketing plan

Suggested Sequence – For students matriculated before July 1, 2007 Business Program A.A.S. Degree Business Management Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
BUSI 105	3	ACCT 101	3
BUSI 165	3	BUSI 231	3
ENGL 121	3	Career Studies	3
Humanities	3	Math, Science or Technology	3-4
Elective	3	Elective	3
	15		15-16
SEMESTER 3		SEMESTER 4	
BUSI 205*	3	BUSI 206**	3
BUSI 251	3	Career Studies	6
SPCH 115	3	ECON 106	3
ECON 105	3	SOCI 101	3
Elective	3-4		15
	15-16	Total Credits for Degree	60-62

*Offered Fall Term only
**Offered Spring Term only

Business Program A.A.S. Degree

Food Service Management Option

This career program is designed for students who desire entry-level employment in all aspects of the food industry. This

program combines general education studies, career courses, and business management courses to promote a well-rounded food service professional. The program is not designed for transfer to a four-year school, although many courses prove to be transferable. Students wishing to transfer should enroll in the Business Administration A.A. Program. The National Restaurant Association ProMgt certification tests are administered for a variety of courses at BCC. These tests are not required but an option for students

Graduates of this program will be able to:

- ✓ Demonstrate high standards in sanitation, safety principles and procedures established by the Serv/Safe program
- ✓ Apply theories and concepts of layout and design to restaurant kitchens
- ✓ Demonstrate a working knowledge of the factors involved in setting up and operating a food service establishment
- ✓ Demonstrate knowledge of the laws and regulations that govern the food service industry
- ✓ Perform job duties in a confident, professional and ethical manner
- ✓ Show proficiency in the basic body of knowledge related to food service management and its technologies
- ✓ Describe effective management principles in the supervision and direction of employees of a food service department, including the back and front of the house
- ✓ Summarize how the world's different cuisines have influenced food and food customs of the United States
- ✓ Demonstrate a strong foundation of concepts and a practical application of food, labor and beverage cost control

Requirements

General Education - 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
COMP 129	Computer Literacy	3
BUSI 105	Introduction to Business	3
ECON 105	Macro Economics	3
ENGL 121	English Composition: The Writing Process	3
PHIL 227	Introduction to Ethics (Business Ethics)	3
SPCH 115	Effective Speech	3

Career Studies - 22.5 credits as follows:

BUSI 165	Computer Applications in Business	3
FSMN 105*	Introduction to Food Service Management	3
FSMN 115*	Sanitation and Safety	1.5
FSMN 134	Cultural Aspects of Food and Diet	3
FSMN 214**	Food Service Layout and Design	3
FSMN 221**	Hospitality and Restaurant Law	3
FSMN 225*	Cost Control for Food Service	3
FSMN 256**	Managing Service in Food and Beverage Operations	3

* Offered Fall Term only
 ** Offered Spring Term only

Career Studies - 12 credits from among the following:

ACCT 101	Principles of Accounting I	3
BTEC 141	Excel for Windows	4
BUSI 206	Supervisory Management	3
BUSI 231	Human Resource Management	3
BUSI 241	Small Business Management	3
CULA 131	Nutrition in the Culinary Arts	3
FSMN 238	Topics in Food Service	1
FSMN 295	Special Project - Food Service Management	1-3
FSMN 299	Food Service Management Internship	1-3

Electives 6

A minimum of 60 credits is required to graduate from this program.

Suggested Sequence - For students matriculated before July 1, 2007 Business Program A.A.S. Degree Food Service Management Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
BUSI 165	3	FSMN 256**	3
FSMN 105*	3	Career Studies	3
FSMN 115*	1.5	FSMN 134	3
Career Studies	3	General Education	3
General Education	6	Elective	3
	16.5		15
SEMESTER 3		SEMESTER 4	
FSMN 225*	3	FSMN 221**	3
Career Studies	6	FSMN 214**	3
General Education	6	General Education	5
	15	Elective	3
			14
		Total Credits for Degree	60.5

* Offered Fall Term only
 ** Offered Spring Term only

Business Technology Systems Program A.A.S. Degree

This career program is designed for the student who wants to work as an assistant to an executive. Students develop the ability to assume responsibility without direct supervision and to make decisions within the scope of authority. This career program gives students necessary business skills by combining business technology courses with related general education courses. A grade of "C" or higher in all career courses is required to graduate with an A.A.S. degree or an Office Assistant Certificate in Business Technology Systems.

Courses will prepare students for the Microsoft Office Specialist Certification Test.

Graduates of this program will be able to:

- ✓ Communicate information clearly and effectively in a variety of modes
- ✓ Utilize technology to produce a variety of business applications
- ✓ Utilize both hard and soft skills in a multi-user environment to assess and process relevant information
- ✓ Demonstrate problem-solving and decision-making skills as an individual or as a member of a team
- ✓ Complete a comprehensive research project

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
COMP 129	Computer Literacy	3
ECON 105	Macro Economics	3
ENGL 127	Business Writing	3
PSYC 205	Human Relations and Management	3

Career Studies – 31 credits as follows:

*BTEC 101	Computer Keyboarding	3
*BTEC 115	Introduction to Windows	2
BTEC 116	Microsoft Office	4
*BTEC 120	Business Communication Skills	3
BTEC 130	Administrative Office Management	3
BTEC 141	Excel for Windows	4
BTEC 165	PowerPoint for Windows	3
BTEC 185	Microsoft Access Database	3
BTEC 231	Integrated Office Management (Offered Spring term only)	3
BTEC 251	Microsoft Word for Windows	3

Electives **9**

**These Career Studies courses should be taken first. Some courses in the program may not be offered in the evening or during both the Fall and Spring terms.*

Office Assistant Certificate

This short program of study provides a variety of information-processing tasks required by entry-level office jobs. Credits earned may be applied toward the A.A.S. degree. Upon completion, students are awarded a Certificate of Proficiency.

Requirements

General Education - 6 credits:

Required:		
ENGL 121	English Composition Writing Process	3
Recommended:		
SPCH 115	Effective Speech	3

Career Studies – 22 credits as follows:

Code	Course	Credits
*BTEC 101	Computer Keyboarding	3
*BTEC 115	Introduction to Windows	2
BTEC 116	Microsoft Office	4
*BTEC 120	Business Communication Skills	3
BTEC 130	Administrative Office Management	3
BTEC 141	Excel for Windows	4
BTEC 251	Microsoft Word for Windows	3

Electives **3**
Total Credits 31

Graduates of this program will be able to:

- ✓ Communicate information and ideas clearly and effectively in both written and oral communication modes
- ✓ Use technology appropriately to produce a variety of business applications
- ✓ Use both hard and soft skills in a multi-user environment to assess and process relevant information
- ✓ Demonstrate problem-solving and decision-making skills as an individual and as a member of the team
- ✓ Employ appropriate skills for gathering and retaining information to complete article reviews.

Suggested Sequence – For students matriculated before July 1, 2007 Business Technology Systems Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
*BTEC 101	3	BTEC 116	4
BTEC 115	2	**BTEC 130	3
BTEC 120	3	BTEC 251	3
General Education	3	Elective	6
Communications	3		16
	14	<i>**NOTE: BTEC 130 offered in the Spring semester, day only.</i>	
<i>*Must be taken first semester</i>		SEMESTER 4	
SEMESTER 3		BTEC 185	3
BTEC 141	4	***BTEC 231	3
BTEC 165	3	General Education	3
Communications	3	Math or Science or Technology	3-4
Social Sciences	3	Elective	3
Humanities	3		15-16
	16	Total Credits for Degree 61-62	

****BTEC 231 must be taken fourth semester.
 NOTE: BTEC 231 is offered once a year in the Spring semester.*

Communication Design Program A.A.S. Degree

This program is for students who wish to gain employment in the field of graphic art and design. Positions may be available in advertising – print and non-print – and in various visual communication fields. Employment areas may include: design production, print production, display, digital design, illustration, and photography. This program is not designed for transfer to a four-year college. Students who wish to complete Bachelors' degrees should choose the Communication Design Option of the Humanities A.A. Program.

Graduates of this program will be able to:

- ✓ Discuss the history of typography
- ✓ Utilize various software programs
- ✓ Explain pre-press techniques
- ✓ Demonstrate digital design techniques

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 21 credits as follows:

Code	Course	Credits
ARTS 111	Drawing I	3
ARTS 121	2-D Design	3
GRPH 101	Typography I	3
GRPH 102	Typography II	3
GRPH 115	Illustration	3
GRPH 204	Graphic Design Production	3
GRPH 216	Graphic Design Techniques	3

Career Studies – 15 credits from among the following:

ARTH 107	History of Art: Renaissance through Contemporary	3
ARTC 147	Desktop Publishing I	3
GRPH 295	Special Project – Communication Design	1-6
GRPH 299	Communication Design Internship	1-6
MRKT 105	Advertising	3
PHTY 111	Photography I	3

Electives 4

Suggested Sequence – For students matriculated before July 1, 2007 Communication Design Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1			
Career Studies	9	Career Studies	9
ENGL 121	3	Communications	3
Humanities	3	Social Sciences	3
	15		15
SEMESTER 3			
Career Studies	9	SEMESTER 4	
Math OR Science OR Technology	3-4	Career Studies	9
General Education	3	General Education	3
	15-16	Electives	3-4
			15-16
		Total Credits for Degree	60-62

Communication Media Program A.A.S. Degree

Audio Production Option

This career option provides students with the skills necessary to take entry-level positions in the field of audio recording. Hands-on experience with an emphasis on digital technology will prepare students for positions in the audio recording industry. Students can apply skills learned to music, television, and multimedia production. This option is not designed for transfer to a four-year college. Students who wish to continue at the four-year level should consider one of the options of the Humanities A.A. Program.

Graduates of this program will be able to:

- ✓ Demonstrate expertise in field production techniques and editing
- ✓ Apply and synthesize basic concepts about the history, theories, social effects, terminology and aesthetics of communication
- ✓ Create projects that adhere to a variety of aesthetic principles

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 21 credits as follows:

Code	Course	Credits
COMM 101	Communication	3
COMM 102	Communication Media	3
COMM 115	Audio in Media	3
COMM 216	Advanced Digital Audio/ Musical Recording	3
RDIO 101	Introduction to Radio	3
TELV 115	TV: Aesthetics and Analysis	3
TELV 121	Television Production	3

Career Studies – 12 credits from among the following:

CINE 105	Film Appreciation: The Motion Picture as an Art Form	3
COMM 295	Special Project – Communication Media	1-6
COMM 299	Communication Media Internship	1-6
MUSI 115	Music Appreciation	3
TELV 122	Digital Video Production	3

Electives 7

Suggested Sequence – For students matriculated before July 1, 2007 Communication Media Program A.A.S. Degree Audio Production Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMM 101	3	Career Studies	3
TELV 115	3	COMM 102	3
TELV 121	3	COMM 115	3
ENGL 121	3	Communication	3
Humanities	3	Social Sciences	3
	15		15
SEMESTER 3		SEMESTER 4	
COMM 216	3	Career Studies	6
RDIO 101	3	General Education	6
Career Studies	3	Elective	4
Math or Science or Technology	3-4		16
Elective	3	Total Credits for Degree	61-62
	15-16		

Communication Media Program A.A.S. Degree

Television Production Option

This option prepares students for entry-level positions in the video industry. Hands-on experience, with an emphasis on digital technology, provides the skills necessary to plan programming and assist production as a camera operator, audio recordist, technical director, or general crew member. Students who wish to continue at the four-year level should consider one of the options of the Humanities A.A. Program.

Graduates of this program will be able to:

- ✓ Demonstrate proficiency with television studio equipment, digital audio and digital video technology
- ✓ Create projects that adhere to a variety of aesthetic principles
- ✓ Communicate an understanding of the history and nature of television production

Requirements

General Education – 20 credits as described on page 47.

Career Studies – 21 credits as follows:

Code	Course	Credits
COMM 101	Communication	3
COMM 102	Communication Media	3
COMM 115	Audio in Media	3
TELV 115	TV: Aesthetics and Analysis	3
TELV 121	Television Production	3
TELV 122	Digital Video Production	3
TELV 224	Video Editing and Post Production	3

Career Studies – 15 credits from among the following:

ARTS 121	2-D Design	3
ARTC 141	Digital Paint I	3
ARTC 142	Digital Paint II	3
CINE 105	Film Appreciation: The Motion Picture as an Art Form	3
COMM 216	Advanced Digital Audio/Musical Recording	3
SPCH 127	Voice and Diction: Personal and Professional Voice Improvement	3
TELV 295	Special Projects–Television	1-6
TELV 299	Television Internship	1-6

Electives 4

Suggested Sequence – For students matriculated before July 1, 2007 Communication Media A.A.S. Program Degree Television Production Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMM 101	3	COMM 102	3
TELV 115	3	TELV 122	3
TELV 121	3	Communication	3
ENGL 121	3	Social Sciences	3
Humanities	3	General Education	3
	15		15
SEMESTER 3		SEMESTER 4	
COMM 115	3	TELV 224	3
TELV 224 or		Career Studies	6
Career Studies	3	General Education	3
Career Studies	6	Elective	4
Mathematics or Science or Technology	3-4		16
	15-16	Total Credits for Degree	61-62

Computer-Aided Drafting and Design Technology Program A.A.S. Degree

In this technological society, the demand for trained CADD (Computer-Aided Drafting and Design) personnel continues to grow. Students have the opportunity to prepare themselves in either basic or specialized Computer-Aided Drafting and Design areas. The graduates will be fully prepared to take positions as CADD operators, drafters and design technicians.

Graduates of this program will be able to:

- ✓ Utilize AutoCAD's mode settings, drawing aids, toolbars, prototype drawings and shortcuts
- ✓ Operate the CAD work-station components including the microcomputer, input (pointing) device and output (hardcopy) devices (plotter & printer)
- ✓ Prepare and plot a complete set of working drawings, deciding which views to include, if auxiliary or section views are needed and how to dimension and plot each drawing
- ✓ Produce professional quality two-dimensional and three-dimensional drawings using the AutoCAD software
- ✓ Recognize the need for continued learning throughout their career

Computer-Aided Drafting and Design Certificate of Achievement

This short program is designed to train the students in the area of Computer-Aided Drafting and Design. It is tailored to meet entry-level requirements in the Computer-Aided Drafting and Design field. The credits earned may later be applied toward an A.A.S. degree program.

Requirements

Career Studies – 25 credits as follows:

Code	Course	Credits
DRFT 106	Fundamentals of Basic Drafting	3
CADD 121	Engineering Graphics with CADD	4
CADD 211	Intermediate Computer-Aided Drafting	3
CADD 212	Computer-Aided Architectural Drafting and Design	4
CADD 214	3-D Modeling	4
CADD 220	CAD for Rendering and Animation	4
Approved Technical electives		3

Requirements

General Education – 20 credits as described on page 47. The following courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ECON 107	Economics and Society	3
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
HIST 105	World Civilization I	3
MATH 161	Technical Mathematics	4
PHYS 111	General Physics I (non-calculus)	4

Career Studies – 32 credits as follows:

ARCH 151	Architectural Construction I	3
CADD 121	Engineering Graphics with CADD	4
CADD 211	Intermediate Computer-Aided Drafting	3
CADD 212	Computer-Aided Architectural Drafting and Design	4
CADD 214	3-D Modeling	4
COMP 126	Computer Logic and Design	3
DRFT 106	Fundamentals of Basic Drafting	3
ELEC 103	Electrical Skills and Techniques	4
MATH 162	Technical Mathematics II	4

Suggested Technical Electives – 9-12 credits from the following:

Architectural		
ARCH 152	Architectural Construction II	3
CADD 220	CAD for Rendering and Animation	4
CADD 225	3D Architectural CAD	4
Computer Art		
CADD 220	CAD for Rendering and Animation	4
ARTC 141	Digital Paint I	3
ARTC 142	Digital Paint II	3
Computer Repair/Networking		
COMP 145	Introduction to UNIX	3
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Computer Peripherals, Data Communications and Networking	4
Digital Media		
DGMD 101	Introduction to Digital Media	3
DGMD 102	Introduction to Streaming Media	3
CADD 220	CAD for Rendering and Animation	4
Electronic		
ELEC 111	Electrical Circuits I	4
ELEC 112	Electrical Circuits II	4
PHYS 112	General Physics I (non-calculus)	4
Website Design		
COMP 140	Designing/Developing Websites	3
COMP 166	Web Design Using HTML	3
Approved Technical Elective		3-4

Suggested Sequence – For students matriculated before July 1, 2007 Computer-Aided Drafting and Design Technology Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

STUDENTS WHO HAVE NO PREVIOUS DRAFTING EXPERIENCE MUST TAKE DRFT 106 UPON ENTRY INTO THE PROGRAM.

Course Code	Credits	Course Code	Credits
SEMESTER 1			
CADD 121	4	CADD 211	3
DRFT 106	3	COMP 126	3
ELEC 103	4	Technical Elective	3-4
ENGL 121	3	Communications	3
MATH 161	4	Humanities	3
	18		15-16
SEMESTER 3			
ARCH 151	3	SEMESTER 4	
CADD 212	4	CADD 214	4
MATH 162	4	Technical Elective	3-4
PHYS 111	4	Technical Elective	3-4
	15	Social Sciences	3
			14-15
Total Credits for Degree			61-64

Computer Science Program A.S. Degree

This program is designed for students who would like to transfer to a four-year program in Computer Science or related areas, such as Management Information Systems or Software Engineering. Hands-on computer courses are combined with general and mathematics courses to provide the student with the essential coursework needed to succeed beyond the Associate degree.

Graduates of this program will be able to:

- ✓ Analyze problems and design programs
- ✓ Code and document programs
- ✓ Debug and test programs
- ✓ Analyze and test results
- ✓ Design user interfaces
- ✓ Explain functions of operating systems and computer architecture

Requirements

General Education - 30 credits of general education as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 121	English Composition The Writing Process	3
ENGL 122	English Composition Writing and Research	3
MATH 171	Calculus I	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4

Career Studies - 35 credits as follows:

COMP 126	Computer Logic and Design	3
COMP 135	Computer Architect - Assembly Language	3
COMP 171	Programming I	3
COMP 225	Operating Systems Technology	3
COMP 226	Systems Analysis and Design	3
COMP 228	Data Structures	3
COMP 269	Database Concepts	3
COMP 271	Programming II	3
COMP 296	Advanced Software Project	3
MATH 172	Calculus II	4
MATH 273	Calculus III	4

NOTE: This program assumes that the student is prepared to take Calculus I as a first semester college level math course. Students who need to satisfy basic math requirements or who are counseled to take courses prior to Calculus will need to take additional credits. Also note that Calculus I is a prerequisite for Calculus II.

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Computer Science or Information Technology at Brookdale's **New Jersey Coastal Communi-versity**. For program details and transfer information, students should talk to their Student Development Specialist or call the Communi-versity at 732-280-2090.

Suggested Sequence - Computer Science Program A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and *prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMP 126	3	COMP 135	3
COMP 171	3	COMP 271	3
MATH 171*	4	MATH 172	4
ENGL 121	3	ENGL 122	3
Humanities or Social Sciences	3	Social Sciences	3
	16		16
SEMESTER 3		SEMESTER 4	
COMP 225	3	COMP 228	3
COMP 226	3	COMP 296	3
COMP 269	3	PHYS 122	4
MATH 273	4	General Education	3
PHYS 121	4	Humanities	3
	17		16
		Total Credits for Degree	65

*MATH 152 and/or MATH 153 may be required if prerequisites for MATH 171 are not satisfied.

Computer Science Program A.A.S. Degree Programming Option

Students wishing to gain knowledge of computer programming and design should choose this program. Courses are designed to offer hands-on experience to prepare the student for an entry level computer programming position. Focus is on problem analysis, design, coding, testing and debugging. This degree is not designed to transfer, although the student will find that many of the courses which provide a foundation in computer science may transfer.

Graduates of this program will be able to:

- ✓ Analyze problems and design programs
- ✓ Code and document programs
- ✓ Debug and test programs
- ✓ Analyze and test results
- ✓ Design user interfaces
- ✓ Explain functions of operating systems and computer architecture
- ✓ Design and implement data models

Requirements

General Education – 20 credits of general education as described on page 47 of the Catalog.

Career Studies – 30 credits as follows:

COMP 126	Computer Logic and Design	3
COMP 135	Computer Architect – Assembly Language	3
COMP 171	Programming I	3
COMP 185	Programming in Visual Basic.NET	3
COMP 225	Operating Systems Technology	3
COMP 226	Systems Analysis and Design	3
COMP 228	Data Structures	3
COMP 269	Database Concepts	3
COMP 271	Programming II	3
COMP 296	Advanced Software Project	3

Technical Electives – 9 credits from among the following:

COMP 140	Designing/Developing Web Sites	3
COMP 145	Introduction to UNIX	3
COMP 166	Web Design Using HTML	3
COMP 299	Computer Science Internship	3

Electives 1

**Suggested Sequence – For students matriculated before July 1, 2007
Computer Science Program A.A.S. Degree
Programming Option**

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMP 126	3	COMP 135	3
COMP 171	3	COMP 271	3
Communications	3	Communications	3
Math or Science or Technology	3-4	Social Sciences	3
Technical Electives	3	Technical Electives	3
	15-16		15
SEMESTER 3		SEMESTER 4	
COMP 185	3	COMP 228	3
COMP 225	3	COMP 296	3
COMP 226	3	General Education	3
COMP 269	3	Technical Electives	3
General Education	3	Humanities	3
	15		15
Total Credits for Degree			60-61

Computer Science Program A.A.S. Degree

Web Site Development Option

Students wishing to gain a technical proficiency and expertise in planning, design, development, implementation and maintenance of web sites should choose this option. Upon completion, the student will be prepared to enter the web developer field. Students will learn the necessary languages, tools, concepts and technical skills. This degree is not designed to transfer, although the student will find that many of the courses which provide for a foundation in computer science may transfer.

Graduates of this program will be able to:

- ✓ Plan and develop interactive web sites
- ✓ Enable access to databases
- ✓ Efficiently use HTML, XML and web site development tools
- ✓ Enhance web sites through scripting and programming
- ✓ Analyze and design systems

Requirements

General Education – 20 credits of general education as described on page 47.

Career Studies – 30 credits as follows:

COMP 126	Computer Logic and Design	3
COMP 145	Introduction to UNIX	3
COMP 166	Web Design Using HTML	3
COMP 171	Programming I	3
COMP 185	Programming in Visual Basic.NET	3
COMP 226	Systems Analysis and Design	3
COMP 267	Client Side Using JavaScript	3
COMP 268	Server Side Scripting	3
COMP 269	Database Concepts	3
COMP 296	Advanced Software Project	3

Technical Electives – 9 credits from among the following:

BUSI 171	E-Business Technologies	3
COMP 140	Designing/Developing Web Sites	3
COMP 265	Spreadsheets Using EXCEL	3
COMP 299	Computer Science Internship	3
NETW 115	E-Commerce System Design	3

Electives 1

Webmaster Administration Certificate

Students wishing to gain a technical proficiency and expertise in planning, developing, implementing and maintaining web sites should choose this certificate program. Upon completion of the certificate coursework students will be prepared to enter the webmaster administration field.

Requirements

General Education – 6 credits:

Code	Course	Credits
Required:		
ENGL 121	English Composition: The Writing Process	3

Recommended:

COMP 129	Computer Literacy	3
----------	-------------------	---

Career Studies – 21 credits as follows:

COMP 126	Computer Logic and Design	3
COMP 145	Introduction to UNIX	3
COMP 166	WEB Design Using HTML	3
COMP 171	Programming I	3
COMP 267	Client Side Using JavaScript	3
COMP 268	Server Side Scripting	3
COMP 269	Database Concepts	3

Technical Electives - 3 credits from among the following:

BUSI 171	E-Business Technologies	3
COMP 140	Designing/Developing WEB Sites	3
COMP 265	Spreadsheets Using EXCEL	3
NETW 115	E-Commerce System Design	3

Total Credits 30

Graduates of this program will be able to:

- ✓ Plan and develop interactive web sites
- ✓ Enable access to databases
- ✓ Efficiently use HTML, XML and web site development tools
- ✓ Enhance web sites through scripting and programming

Suggested Sequence – For students matriculated before July 1, 2007
Computer Science Program A.A.S. Degree
Web Site Development Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMP 126	3	COMP 171	3
COMP 145	3	COMP 269	3
COMP 166	3	Communications	3
Communications	3	Math or Science or Technology	3-4
Humanities	3	Technical Electives	3
	15		15-16
SEMESTER 3		SEMESTER 4	
COMP 185	3	COMP 296	3
COMP 226	3	Technical Electives	6
COMP 267	3	General Education	3
COMP 268	3	Social Science	3
General Education	3		15
	15		
		Total Credits for Degree	60-61

Criminal Justice Program A.S. Degree

The Criminal Justice program is both a transfer and a career program. Students can go on to earn a B.A. Degree or take courses in an effort to find employment. The study of criminal justice provides an opportunity to learn about issues and problems in society's response to crime. Coursework also seeks to provide particular career-oriented skills. Career opportunities exist in law enforcement, court administration, corrections and security.

Graduates of this program will be able to:

- ✓ Identify occupational opportunities in the three sub-systems of the criminal justice system
- ✓ Compare the constitutional significance of the five most important United States Supreme Court decisions on police powers
- ✓ Analyze the structure of the New Jersey and the United States court systems
- ✓ Critique the important decision points in the criminal justice process
- ✓ Construct their own personal views on controversial issues raised about the American justice system

Requirements

General Education - 30 credits as described on page 47.

The following courses, while not required, are recommended for students in this program.

Code	Course	Credits
ENGL 121	English Composition; The Writing Process	3
ENVR 126	Introduction to Geographic Information Systems (GIS)	3
POLI 115	State, County and Local Government	3
SOCI 101	Principles of Sociology	3
SPCH 115	Effective Speech	3

Career Studies - 20 credits from among the following:

CRJU 101	Introduction to the Criminal Justice System	3
CRJU 125	Police Role in the Community	3
CRJU 126	Introduction to Public Administration	3
CRJU 127	Introduction to Corrections	3
CRJU 131	Introduction to Private Security	3
CRJU 151	Introduction to Criminology	3
CRJU 202	Criminal Investigation	3
CRJU 204	Forensic Investigation	3
CRJU 205	Community Corrections	3
CRJU 225	Police Organization and Administration	3
CRJU 226	Criminal Law	3
CRJU 229	Criminal Due Process	3
CRJU 235	Loss Prevention	3
CRJU 245	Delinquency and Juvenile Justice	3
CRJU 295	Special Project-Criminal Justice	1-3
CRJU 299	Criminal Justice Internship	3
Electives		10

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Criminal Justice, Security, or Fire Science at Brookdale's **New Jersey Coastal Communiversit**y. For program details and transfer information, students should talk to their Student Development Specialist or call the Communiversit'y at 732-280-2090.

Suggested Sequence - For students matriculated before July 1, 2007 Criminal Justice Program A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
CRJU 101	3	Career Studies	6
Career Studies	3	Communications	3
Communications	3	Humanities	3
*Social Sciences	3	General Education	3
General Education	3		<u>15</u>
	15		
SEMESTER 3		SEMESTER 4	
Career Studies	6	Career Studies	3
Math or Science or Technology	3-4	Humanities	3
*Social Sciences	3	General Education	3
Elective	3-4	Elective	6
	<u>15-17</u>		15
		Total Credits for Degree	60-62

*POLI 105 or POLI 115 strongly recommended.

Criminal Justice Program A.S. Degree

Corrections Option

The Corrections Option is aimed at providing students with the skills and knowledge to enter a career in institutional or community-based corrections. The tremendous growth of prisons and the prison population has resulted in career opportunities in corrections for criminal justice majors. A similar expansion of community-based corrections has occurred to stem the prison building boom and reduce the cost of institutional corrections. Career opportunities in community-based corrections provide an opportunity to incorporate psychological and sociological course work in the criminal justice program. The Corrections Option is designed to provide alternative curricula for students who are interested in a career in law enforcement.

Because transfer requirements vary, students should identify transfer schools as early as possible and work closely with counselors to insure selecting appropriate courses for smooth transfer.

Graduates of this program will be able to:

- ✓ Identify occupational opportunities in Community-Based Correctional Programs
- ✓ Compare and contrast the differences between Probation and Parole
- ✓ Demonstrate a strong knowledge base and practical experience in delivery of services to clients in Community- Based Programs
- ✓ Compare and contrast the various intermediate sanctions as sentencing options between Probation and Incarceration
- ✓ Critique the mission of Community Corrections and its purpose as a vital diversion to the American Criminal Justice and Corrections System
- ✓ Construct solutions and/or make predictions involving the major issues, trends and dilemmas confronting Community Corrections

Requirements

General Education – 30 credits as described on page 47.

It is strongly recommended that students select two of the following three courses to satisfy the Social Sciences requirement of general education.

Code	Course	Credits
PSYC 105	Introduction to Psychology I	3
PSYC 106	Introduction to Psychology II	3
SOCI 101	Principles of Sociology	3

Career Studies – 18 credits. Select 12 credits from the following :

CRJU 101	Introduction to the Criminal Justice System	3
CRJU 127	Introduction to Corrections	3
CRJU 205	Community Corrections	3
CRJU 245	Delinquency and Juvenile Justice	3

Select another 6 credits from the remaining Criminal Justice curricula.

Career Studies – Social Science –

Select 12 credits from the following list of courses:

PSYC 111	Introduction to Human Services	3
PSYC 215	Counseling Techniques	3
PSYC 216	Abnormal Psychology	3
PSYC 235	Group Dynamics	3
SOCI 105	Intercultural Communications	3
SOCI 202	Analysis of Social Problems	3
SOCI 216	Cultural Diversity	3

Suggested Sequence – For students matriculated before July 1, 2007 Criminal Justice Program A.S. Degree Corrections Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
CRJU 101	3	Career Studies	3
CRJU 127	3	CRJU 205	3
Communications	3	Communications	3
Social Sciences	3	Humanities	3
General Education	3	General Education	3
	15		15
SEMESTER 3		SEMESTER 4	
Career Studies	6	Career Studies	9
CRJU 245	3	Humanities	3
Math OR Science OR Technology	3-4	General Education	3
Social Sciences	3		15
	15-16	Total Credits for Degree	60-61

Culinary Arts Program A.A.S. Degree

This program is for the highly motivated career-oriented person who desires to work in a restaurant or other food service establishment as a professional chef. This fast-track, quality training program combines general education studies, career courses and hands-on professional food preparation. Potential employment opportunities exist in food preparation and supervisory positions in restaurants, food catering services, and institutional food services in schools, colleges, hospitals, nursing homes, and business establishment facilities. Prospective students must take the College Placement Test prior to entering the program.

Culinary Courses will run in three-week blocks each semester. Classes are conducted Monday through Thursday, allowing the student the weekend to pursue job opportunities in the field. Challenging externship experiences will be custom-matched to the student's individual career goals. Students have been successfully placed in local restaurants and hotels as well as in Atlantic City and in exciting externships at Disney World and other internationally. Students develop a comprehensive portfolio "Mise en Place," documenting skills, experiences and culinary works, to take on job interviews. A mid program assessment will be administered at the end of the students' first year preceding CULA 299

Students must successfully pass the SERV-SAFE sanitation examination to receive the degree.

Graduates of this program will be able to:

- ✓ Demonstrate a working knowledge of the science of food and of the history of the culinary profession
- ✓ Apply computation skills pertinent to the culinary industry
- ✓ Demonstrate advanced cooking and baking techniques
- ✓ Demonstrate both customer service and management techniques
- ✓ Apply the standards of sanitation and safety that have been attained upon successful completion of the National Restaurant Association's Serv-Safe Certification

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
COMP 129	Computer Literacy	3
ENGL 121	English Composition: The Writing Process	3
FSMN 134	Cultural Aspects of Food and Diet	3
SOCI 105	Intercultural Communication	3
SPCH 115	Effective Speech	3

Career Studies – 54 credits as follows:

CULA 105	Introduction to Culinary Arts	2
CULA 107	Culinary Math	1.5
CULA 111	Basic Food Skills I	3
CULA 112	Basic Food Skills II	3
CULA 115	Sanitation and Safety	1.5
CULA 125	Breakfast Cookery	2
CULA 127	Lunch Cookery	3
CULA 131	Nutrition in the Culinary Arts	3
CULA 133	Storeroom and Purchasing Operations	2
CULA 141	Dining Room I	2
CULA 151	Baking Skills	3
CULA 241	Dining Room II/Wines	3
CULA 251	Patisserie	3
CULA 264	Garde Manger/Charcuterie	3
CULA 266	Meat and Seafood ID	3
CULA 267	American Regional Cuisine	3
CULA 271	Advanced Classical Cuisine	3
CULA 272	Advanced Dining Room III/Spirits	3
CULA 273	Principles of International Cuisine	2
CULA 274	International Cuisine	2
CULA 299	Culinary Arts Externship	3

Suggested Sequence – For students matriculated before July 1, 2007 Culinary Arts Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
CULA 105	2	CULA 125	2
CULA 107	1.5	CULA 127	3
CULA 111	3	CULA 131	3
CULA 112	3	CULA 141	2
CULA 115	1.5	CULA 151	3
CULA 133	2	General Education	5
General Education	3		18
	16		
Summer Semester			
CULA 299	3		
SEMESTER 3		SEMESTER 4	
CULA 241	3	CULA 264	3
CULA 251	3	CULA 271	3
CULA 266	3	CULA 272	3
CULA 267	3	CULA 273	2
General Education	6	CULA 274	2
	18	General Education	6
			19
		Total Credits for Degree	74

Culinary Arts Certificate

This condensed program of study provides the student with skills needed to perform a variety of basic food preparation activities required by the entry-level food service job. The student must successfully pass the SERV-SAFE sanitation examination to receive the certificate. Most credits earned may be applied to the A.A.S. degree. Upon completion, students are awarded a Certificate of Proficiency.

Requirements

General Education – 6 credits

ENGL 121	English Composition The Writing Process	3
	Any other General Education course	3

Career Studies – 27 credits as follows:

Code	Course	Credits
CULA 105	Introduction to Culinary Arts	2
CULA 107	Culinary Math	1.5
CULA 111	Basic Food Skills I	3
CULA 112	Basic Food Skills II	3
CULA 115	Sanitation and Safety	1.5
CULA 125	Breakfast Cookery	2
CULA 127	Lunch Cookery	3
CULA 131	Nutrition in the Culinary Arts	3
CULA 133	Storeroom and Purchasing Operations	2
CULA 151	Baking Skills I	3
CULA 266	Meat and Seafood ID	3

Total Credits **33**

Graduates of this program will be able to:

- ✓ Demonstrate a working knowledge of the science of food and of the history of the culinary profession
- ✓ Apply computation skills pertinent to the culinary industry
- ✓ Demonstrate basic cooking and baking techniques
- ✓ Apply the standards of sanitation and safety that have been attained upon successful completion of the National Restaurant Association's Serv-Safe Certification

Culinary Arts – Letter of Recognition

This intense option is for the student who needs to take only a few selective courses to meet job requirements. The student must successfully pass the SERV-SAFE sanitation examination to receive this letter. Most credits are transferable to the A.A.S. degree in Culinary Arts.

Requirements

Career Studies – 1.5 credits as follows:

Code	Course	Credits
CULA 115	Sanitation and Safety	1.5

Career Studies – 10.5 credits selected from the Culinary Arts A.A.S. degree to meet specific individual requirements. The student must meet with the Culinary Arts director for approval of course selections.

Total Credits **12**

Pastry Arts Certificate

This option is designed for the culinary student who wants to pursue a career in pastry arts. This program consists of a select 23 credits that would benefit the individual who wants to develop their pastry skills into more advanced and elaborate patisserie, cakes, confections, and decorating. The student must pass the SERV-SAFE sanitation examination and earn a minimum grade of "C" or better in all Career Studies courses to be eligible to receive the certificate. Students must take 23 career credits as follows and six general education credits, plus 1 elective credit.

Requirements

General Education – 6 credits

ENGL 121	English Composition The Writing Process	3
	Any other General Education course	3

Career Studies – 23 credits as follows:

Code	Course	Credits
CULA 105	Introduction to Culinary Arts	2
CULA 107	Culinary Math	1.5
CULA 115	Sanitation and Safety	1.5
CULA 151	Baking Skills I	3
CULA 251	Patisserie	3
CULA 252	Advanced Baking	3
CULA 253	Advanced Patisserie	3
CULA 254	Confectionery and Showpieces	3
CULA 255	Advanced Pastry Arts	3
	Electives	1
Total Credits		30

Graduates of this program will be able to:

- ✓ Demonstrate a working knowledge of the history of the culinary profession
- ✓ Apply computation skills pertinent to the culinary industry
- ✓ Demonstrate advanced baking techniques
- ✓ Apply the standards of sanitation and safety that have been attained upon successful completion of the National Restaurant Association's Serv-Safe Certification

Dental Hygiene Program A.A.S. Degree

An Associate in Applied Science Degree in Dental Hygiene and a Certificate in Dental Assisting are offered in cooperation with the School of Health Related Professions at the University of Medicine and Dentistry of New Jersey (UMDNJ). In both cases the diploma or certificate is awarded jointly by the two Colleges.

All 30 of the 34 General Education credits must be taken at Brookdale. All dentistry courses are taken at UMDNJ's Scotch Plains campus. All prospective students must apply to Brookdale for admission to these programs which have limited enrollment and an entrance examination.

More information about both of these programs can be obtained by calling the Office of Admissions at (732) 224-2330.

Graduates of this program will be able to:

- ✓ Exhibit competency as clinicians through demonstrated performance on the North East Regional Board Dental Hygiene Examination and the National Board Examination and feedback from Employer Surveys
- ✓ Assume responsibility for health promotion and disease prevention for individuals and communities through participation in multiple off-campus dental health education community projects
- ✓ Perform multiple, expanded dental auxiliary functions as defined in the New Jersey State Dental Practice Act under the auspices of Dental Specialties II and Clinical Services I, II and III
- ✓ Obtain RDH license issued by the State Board of Dentistry of New Jersey
- ✓ Demonstrate professional development through membership in the Student American Dental Hygienists' Association and participation in related activities
- ✓ Display professional demeanor at all times as evidenced by professional development grades achieved in all dental courses
- ✓ Prepare individuals for employment as dental hygienists according to established studies by the American Dental Hygiene Association Commission on Dental Accreditation and the American Dental Hygiene Association
- ✓ Determine student satisfaction with educational programming by assessment of course evaluations and alumni surveys
- ✓ Assess patient satisfaction with treatment service provided by students through data collection from the patient satisfaction survey
- ✓ Demonstrate competency in dental hygiene as stated in the Dental Hygiene Standard of Care and American Dental Educators Association Competencies

Requirements

General Education - 34 credits as follows:

Code	Course	Credits
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
BIOL 213	Microbiology	4
CHEM 136	Introduction to Inorganic, Organic and Biological Chemistry	4
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
PSYC 106	Introduction to Psychology II	3
SOCI 101	Principles of Sociology	3
SPCH 115	Effective Speech	3
HIST	History (Designated General Education)	3

A grade of "C" or higher is required in all General Education courses.

Career Studies - 52 credits as follows:

ADEC 110	Introduction to the Dental Profession	4
ADEC 111	Dental Head and Neck Anatomy	3
ADEC 112	Dental Materials	3

ADEC 113	Medical Emergencies in the Dental Office	1
ADEC 114	Dental Health Education	1
ADEC 115	Dental Radiology	3
ADEC 116	Dental Specialties I	1
ADEC 117	Practice Management	1
DENH 120	Introduction to Clinical Dental Hygiene	4
DENH 121	Clinical Dental Hygiene I	3
DENH 122	Clinical Services I	3
DENH 123	Oral Histology and Embryology	2
DENH 124	Nutrition	2
DENH 231	Clinical Dental Hygiene II	2
DENH 232	Clinical Services II	3
DENH 233	Periodontology I	2
DENH 234	Dental Health Education/Community Dental Health	2
DENH 235	Oral Pathology	2
DENH 236	Pharmacology and Oral Medicine	1
DENH 242	Clinical Services III	3
DENH 243	Periodontology II	2
DENH 244	Dental Specialties II	1
DENH 245	Pain and Anxiety Control	1
DENH 246	Capstone Seminar	2

Suggested Sequence - For students matriculated before July 1, 2007 Dental Hygiene Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. Students must satisfy specific requirements in order to be admitted to this program. See Admission to Health Science Programs, page 16 in this Catalog. This degree will take longer than two years to complete. Some general education courses must be taken prior to starting clinical courses. See below.

The following prerequisites must be taken prior to admission:

Course Code	Credits	Course Code	Credits
BIOL 111	4	History course (designated General Education)	3
BIOL 112	4	PSYC 106	3
BIOL 213	4	SOCI 101	3
CHEM 136	4	SPCH 115	3
ENGL 121	3	Total Credits	34
ENGL 122	3		
SEMESTER 1		SEMESTER 2	
ADEC 110	4	ADEC 114	1
ADEC 111	3	ADEC 115	3
ADEC 112	3	DENH 121	3
ADEC 113	1	DENH 122	3
DENH 120	4	DENH 123	2
	15		12
SEMESTER 3		SEMESTER 4	
ADEC 116	1	ADEC 117	1
DENH 124	2	DENH 242	3
DENH 231	2	DENH 243	2
DENH 232	3	DENH 244	1
DENH 233	2	DENH 245	1
DENH 234	2	DENH 246	2
DENH 235	2		10
DENH 236	1	Total Credits for Degree	86
	15		

Dental Assisting Certificate

Requirements

General Education – All 10 of the following General Education credits must be completed at Brookdale in order to be considered for admission to the Dental Assisting Program:

Code	Course	Credits
BIOL 111	Anatomy and Physiology I	4
ENGL 121	English Composition: The Writing Process	3
PSYC 106	Introduction to Psychology II	3

Career Studies – 23 credits as follows:

Code	Course	Credits
ADEC 110	Introduction to the Dental Profession	4
ADEC 111	Dental Head and Neck Anatomy	3
ADEC 112	Dental Materials	3
ADEC 113	Medical Emergencies in the Dental Office	1
ADEC 114	Dental Health Education	1
ADEC 115	Dental Radiology	3
ADEC 116	Dental Specialties I	1
ADEC 117	Practice Management	1
DENA 110	Dental Science	2
DENA 111	Clinical Assisting	3
DENA 112	Internship	1

Total Credits **33**

Graduates of this program will be able to:

- ✓ Exhibit competency as clinicians through demonstrated performance on the Certified Dental Assistants Examination (CDA) administered by the Dental Assisting National Board and feedback from Employer Surveys
- ✓ Assume responsibility for health promotion and disease prevention for individuals and communities through participation in multiple dental health education projects
- ✓ Perform multiple, advanced level dental auxiliary functions as defined in the New Jersey State Dental Practice Act under the auspices of Clinical Assisting and Internship
- ✓ Obtain the Registered Dental Assistant credential issued by the State Board of Dentistry of New Jersey
- ✓ Demonstrate professional development through membership in the American Dental Assistants' Association and participation in related activities
- ✓ Display professionalism in the delivery of comprehensive dental health care through achievement of satisfactory grades in the section of the evaluation form for Clinical Assisting and Internship.
- ✓ Prepare individuals for employment as dental assistants
- ✓ Determine student satisfaction with educational programming

Digital Animation and 3D Design Program A.A.S. Degree

Students graduating with the Digital Animation and 3D Design AAS degree will have developed skills in modeling, editing, rendering and storyboarding. They will have gained command of the basic technical skills required in today's highly competitive animation industry. Students will complete courses that provide them with technical skills and aesthetic proficiency. This program is designed to prepare students for entry level positions in digital animation.

Graduates of this program will be able to:

- ✓ Create geometry for characters, props and backgrounds
- ✓ Create materials for characters and scenes
- ✓ Animate characters
- ✓ Create lighting for animations
- ✓ Render moving pictures
- ✓ Sequence rendered frames with compositing, editing and output to tape.

Requirements

General Education – 20 credits of general education as described on page 47. The following general education courses, while not required, are recommended for students choosing this degree.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
SPCH 115	Effective Speech	3
ARTS 111	Drawing I	3
ARTS 213	Figure Drawing	3
*Humanities		3
*Social Sciences		3
*Math, Science or Information Technology		3
*Must be a course with a (●) designation		
Career Studies – 39 credits as follows:		
COMP 126	Computer Logic and Design	3
DIGM 115	Storyboarding & Editing: After Effects	3
DIGM 116	Digital Production: Photoshop	3
DIGM 125	Digital Editing: Combustion	3
DIGM 126	Digital Modeling: ZBrush	3
DIGM 121	Maya I: 3D Modeling	3
DIGM 122	Maya II: Fundamentals	3
DIGM 221	Maya III: Rendering	3
DIGM 222	Maya IV: Advanced Modeling and Character Rigging	3
DIGM 225	Digital Design and Production	6
DGMD 101	Introduction to Digital Media	3
TELV 122	Digital Video & Television	3
Electives		3

Suggested Sequence – Digital Animation and 3D Design A.A.S. Program

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
DGMD 101	3	DIGM 122	3
DIGM 115	3	DIGM 125	3
DIGM 116	3	COMP 126	3
DIGM 121	3	ENGL 121	3
ARTS 111	3	ARTS 213	3
	15		15
SEMESTER 3		SEMESTER 4	
DIGM 221	3	DIGM 222	3
DIGM 126	3	DIGM 225	6
TELV 122	3	Social Sciences	3
Humanities	3	Elective	3
Math or Science or Technology	3-4		15
SPCH 115	3		
	18-19		
Total Credits for Degree			63-64

Digital Animation and 3D Design Program A.A.S. Degree

Game Programming Option

This option is designed for students who are interested in the programming segment of game development. The emphasis is on developing the skills required to design, code and test programs which will ultimately become the backbone of an electronic game. This includes fundamental programming concepts as well as those demanded to develop interactive games.

Graduates of this program will be able to:

- ✓ Conceptualize an original game
- ✓ Create game documents
- ✓ Develop and test C++ code
- ✓ Use an Application Programming Interface to create 3D Programs
- ✓ Modify a game using an existing game engine

Requirements

General Education – 20 credits of general education as described on page 47.

Career Studies – 36 credits as follows:

COMP 126	Computer Logic and Design	3
COMP 132	Structured Programming Using C++	3
COMP 175	Game Design and Development	3
COMP 226	Systems Analysis and Design	3
COMP 275	Game Programming	3
COMP 276	Game Level Design	3
DIGM 121	Maya I: 3D Modeling	3
DIGM 122	Maya II: Fundamentals	3
DIGM 115	Storyboarding & Editing: After Effects	3
DIGM 116	Digital Production: Photoshop	3
DIGM 225	Digital Design and Production	6

Technical Electives – 3 credits from among the following:

COMP 145	Introduction to UNIX	3
COMP 166	Web Design Using HTML	3
COMP 233	Object Oriented Programming	3

Electives 1

Suggested Sequence – Digital Animation and 3D Design A.A.S. Game Programming Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1			
COMP 126	3	COMP 132	3
COMP 175	3	DIGM 122	3
DIGM 115	3	Communications	3
DIGM 121	3	Social Sciences	3
Communications	3	General Education	3
	15		15
SEMESTER 3			
COMP 275	3	SEMESTER 4	
DIGM 116	3	COMP 226	3
COMP 276	3	DIGM 225	6
Humanities	3	General Education	3
Math or Science or Technology	3-4	Technical Electives	3
	15-16		15
Total Credits for Degree			60-61

Early Childhood Education Program A.A.S. Degree

In this program students learn the skills necessary to assist teaching personnel in public or private early childhood centers and day care centers. By taking 15 credits of Early Childhood (EDUA, EDEC, and EDUC) courses, students can apply to the State of New Jersey (Professional Impact New Jersey, advocating growth for early childhood education) for Certification as Group Teacher. The program combines practical, hands-on experience, techniques and preschool education theory with various general studies. Students will create a competency statement within each EDUA, EDEC and EDUC course that measures performances based on current Child Development Associate (CDA) credential competencies or National Association for the Education of Young Children (NAEYC) standards. Upon graduation, students qualify for such positions as day care or preschool aide, elementary school aide or social service assistant. This program is not designed for transfer to a four-year college, although many graduates make such transitions. Students wishing to become teachers should choose the appropriate Education A.A. option for transfer programs.

Graduates of this program will be able to:

- ✓ Identify, analyze and evaluate the variety of early childhood program delivery options
- ✓ Demonstrate understanding and applications of early childhood teaching, learning and assessment processes through developmentally appropriate delivery methods in:
 - Language arts
 - Mathematics and science
 - Creative arts
 - Music
 - Social studies, career explorations and civics
 - Health, safety and nutrition
- ✓ Maintain healthy, safe learning environments
- ✓ Advance physical and intellectual competence among typical and atypical learners
- ✓ Support social and emotional development and provide positive guidance among early learners
- ✓ Establish positive partnerships with families
- ✓ Ensure a well run classroom environment responsive to participant needs
- ✓ Demonstrate an understanding of the essential components of teaching and learning processes
- ✓ Recognize the importance of technology in early learning environments

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
SPCH 115	Effective Speech	3
	Social Sciences	3
Career Studies – 24-26 credits from among the following:		
EDEC 105	Foundations of Early Childhood Education	3
EDUA 106	Language Arts in Early Childhood Programs	3
EDUA 131	Social Studies in Early Childhood Programs	3
EDUA 135	Music in Early Childhood Education	3
EDUA 145	Nutrition, Health and Safety in Early Childhood Programs	3
EDUA 205	Creative Arts in Early Childhood Programs	3
EDUA 206	Math and Science in Early Childhood Programs	3
EDUA 299	Early Childhood Assistant Internships	1-5
EDUC 216	Classroom Techniques	3
EDUC 217	Introduction to the Exceptional Child	3
EDUC 225	Literacy Development and Instruction	3
Career Studies – 6 credits from among the following:		
ENGL 265	Children’s Literature: An Introduction	3
PSYC 206	Human Growth and Development I	3
SOCI 105	Intercultural Communication	3
Electives		10

Early Childhood Education Certificate

The Early Childhood Education Certificate is designed for students who want to take more work in early childhood education than is required for the group teacher endorsement but who do not wish to complete the additional work required for an A.A.S. (two-year) degree.

Requirements

General Education – 6 credits:

Code	Course	Credits
Required:		
ENGL 121	English Composition Writing Process	3
Recommended:		
SOCI 105	Intercultural Communication	3
Career Studies – 28-30 credits as follows:		
EDEC 105	Foundations of Early Childhood Education	3
EDUA 106	Language Arts in Early Childhood Programs	3
EDUA 131	Social Studies in Early Childhood Programs	3
EDUA 135	Music in Early Childhood Education	3
EDUA 145	Nutrition, Health and Safety in Early Childhood Programs	3
EDUA 205	Creative Arts in Early Childhood Programs	3
EDUA 206	Math and Science in Early Childhood Programs	3
EDUA 299	Early Childhood-Assistant Internship	1-3
EDUC 216	Classroom Techniques	3
ENGL 265	Children’s Literature: An Introduction	3

Suggested Sequence – For students matriculated before July 1, 2007
Early Childhood Education Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
EDEC 105	3	Career Studies	6
Career Studies	3	Communications	3
ENGL 121	3	Social Sciences	3
Humanities	3	Elective	3
Math or Science or Technology	3-4		15
	15-16		
SEMESTER 3		SEMESTER 4	
Career Studies	9	Career Studies	9
General Education	3	General Education	3
Elective	3	Elective	3-4
	15		15-16
		Total Credits for Degree	60-62

Education Program A.A. Degree

Early Childhood Education Option

This option prepares students for transfer to four-year institutions to pursue preschool through third grade P-3 teaching certification. In addition, many courses prove relevant to the needs of parents and professionals from other fields. Students in this option take courses in education with required field experiences coupled with general education studies required for successful transfer. Students are introduced to the variety of early childhood education programs and constructs, inclusion education, teaching the exceptional child, emergent literacies, diversity in early childhood education, play based instruction, and professional opportunities in early childhood education. Students explore early childhood professional opportunities in business and industry. The courses offered in this option need to be taken in consultation with a College counselor.

Graduates of this program will be able to:

- ✓ Recognize, analyze and evaluate the roles and characteristics of the successful classroom teacher including:
 - skill in classroom management
 - sensitivity to diversity and special needs of young children
 - use of appropriate teaching and learning strategies in play based and academic based settings
 - promotion of integrated literacy practices across the curriculum
 - mastery of subject matter
 - knowledge of child growth and development as applied to a variety of theoretical and philosophical perspectives
 - appreciation of ongoing professional development
- ✓ Demonstrate an understanding of the essential components of teaching and learning processes as they are articulated in diverse early childhood educational settings
- ✓ Think critically to analyze and evaluate cultural, societal and historical influences that affect early childhood education today.

Requirements

General Education - 45 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 122	English Composition: Writing and Research	3
Humanities	Any Language course	3-6
MATH	(Both a Math and Lab Science course are recommended)	3-6

Career Studies - 3 credits as follows:

EDEC 105	Foundations of Early Childhood Education	3
*EDEC 199	Field Experience	0

Career Studies - 3 credits from among the following:

EDUC 216	Classroom Techniques	3
EDUC 217	Introduction to the Exceptional Child	3
EDUC 225	Literacy Development and Instruction	3

Career Studies - 6 credits from among the following:

HGEO 105	Human Geography	3
PHIL	Philosophy Course	3
PSYC 218	Educational Psychology	3
SOCI 105	Intercultural Communication: The Person and the Process	3

Electives	3
-----------	---

*EDEC 199 - Students who have completed EDEC 105 Foundations of Early Childhood Education, with a grade of B or better are required to complete 60 hours of observation in an approved academic setting to ensure transferability of EDEC 105 to a 4-year institution.

NOTE: It is strongly recommended that no more than six Education credits be taken in the first two years for transfer.

Suggested Sequence - For students matriculated before July 1, 2007 Education Program A.A. Early Childhood Education Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
EDEC 105	3	EDEC 199	0
ENGL 121	3	Career Studies	3
PSYC 105	3	ENGL 122	3
Humanities	3	PSYC 206	3
General Education	3	Humanities	3
	15	Science	3-4
			15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	9
COMP 129	3	Elective	3
SPCH 115	3	Career Studies	3
Mathematic	3-4		15
General Education	3	Total Credits for Degree	60-62
	15-16		

Education Program A.A. Degree

Elementary, Middle School and Secondary Education Option

This option prepares students for transfer to four-year institutions to pursue Elementary, Middle School or Secondary Education teaching certifications. In addition, many courses prove relevant to the needs of parents and professionals from other fields. Students in this option take courses in education theory and practice and field observations coupled with the general studies required for successful transfer. Students are introduced to: foundations of education, organization and structure of schools systems, teaching the exceptional child, inclusion education, literacies: emergent and content areas, effective teaching techniques, and technology integration in teaching and learning. Students explore professional opportunities in business and industry. The courses offered in this option need to be taken in consultation with a College counselor.

Graduates of this program will be able to:

- ✓ Recognize, analyze and evaluate the roles and characteristics of the successful classroom teacher including:
 - skill in classroom management
 - sensitivity to diversity and special needs of students
 - use of appropriate learning strategies
 - promotion of literacy across the curriculum
 - mastery of subject matter
 - knowledge of child growth and development
 - appreciation of the importance of ongoing professional development
- ✓ Demonstrate an understanding of the essential components of teaching and learning processes in academic settings as they are articulated by current trends and practices in diverse educational settings
- ✓ Think critically to analyze and evaluate societal, cultural and historical influences that affect education

Requirements

General Education – 45 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 122	English Composition: Writing and Research	3
Humanities	Any Language course	3-6
MATH	(Both a Math and Lab Science course are recommended)	3-6

Career Studies – 3 credits as follows:

EDUC 105	Introduction to Education	3
*EDUC 199	Field Experience	0

Career Studies – 3 credits from among the following:

EDUC 216	Classroom Techniques	3
EDUC 217	Introduction to the Exceptional Child	3
EDUC 225	Literacy Development and Instruction	3

Career Studies – 6 credits from among the following:

HGEO 105	Human Geography	3
PHIL	Philosophy Course	3
PSYC 218	Educational Psychology	3
SOCI 105	Intercultural Communication: The Person and the Process	3

Electives 3

*EDUC 199 - Students who have completed EDUC 105 Introduction to Education, with a grade of B or better are required to complete 60 hours of observation in an approved academic setting to ensure transferability of EDUC 105 to a 4-year institution.

NOTE: It is strongly recommended that no more than six Education credits be taken in the first two years for transfer.

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Elementary Education at Brookdale's **New Jersey Coastal Communi-versity**. For program details and transfer information, students should talk to their Student Development Specialist or call the Communi-versity at 732-280-2090.

Suggested Sequence – For students matriculated before July 1, 2007 Education Program A.A. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
EDUC 105	3	EDUC 199	0
ENGL 121	3	Career Studies	3
PSYC 105	3	ENGL 122	3
Humanities	3	PSYC 206	3
General Education	3	Humanities	3
	15	Science	3-4
			15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	9
COMP 129	3	Elective	3
SPCH 115	3	Career Studies	3
Mathematic	3-4		15
General Education	3	Total Credits for Degree	60-62
	15-16		

Electric Utility Technology Program A.A.S Degree

The Associate in Applied Science degree program in Electric Utility Technology is offered in partnership with FirstEnergy Corp. This program prepares students for employment opportunities in the electric utility technology industry with a specific focus on line worker training. The coursework in this program is designed to provide students the opportunity to develop both the academic skills and technical skills needed for employment in this field. Students must satisfy specific requirements in order to be admitted to this program. See page 18 of the catalog.

Graduates of this program will be able to:

- ✓ Operate standard analog laboratory instruments such as the oscilloscope, VOM, DVM, audio generator and frequency counter to measure and verify calculated values
- ✓ Analyze and measure circuit currents, resistance and voltages using Kirchhoff's laws, Mesh Analysis, Nodal Analysis, Thevenin's Theorem, and Norton's Theorem
- ✓ Calculate impedance, currents, voltages, and phase angles for AC circuits
- ✓ Perform work on secondary voltage circuits
- ✓ Safely and properly install three-phase primary conductors
- ✓ Operate transmission line installation equipment
- ✓ Safely install and operate line fuses, reclosers, transformer power banks, capacitors and line voltage regulators
- ✓ Identify, install and maintain primary underground residential distribution (URD) equipment
- ✓ Apply proper cable pulling/bus work techniques
- ✓ Safely climb transmission support towers and H-structures
- ✓ Recognize energized equipment and minimum approach distances and demonstrate safe work practices

Requirements

General Education - 22 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 121	English Composition: Writing Process	3
ENGL 122	English Composition Writing and Research	3
SPCH 130	Interpersonal Communications	3
HIST 105	World Civilization I	3
COMP 129	Computer Literacy	3
ECON 107	Economics	3
MATH 145	Algebraic Modeling	4

Career Studies - 26 credits

ELEC 101	Computer Aided Circuit Analysis	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 131	Electrical Circuits for Power Distribution I	4
ELEC 132	Electrical Circuits for Power Distribution II	4
ELEC 133	Electrical System Design and the National Electric Code	3
ELEC 201	Electrical Transmission and Distribution	3
ELEC 202	Switchgears, Transformers and Controls	3
FITN 177	Community First Aid and Professional CPR	2

Technical Studies - 18 credits

UTIL 101	Overhead Lines Technology I	4
UTIL 102	Overhead Lines Technology II	4
UTIL 201	Overhead Lines Technology III	4
UTIL 202	Overhead Lines Technology IV	4
UTIL 299	Internship in Electric Utility	2

Suggested Sequence - Electric Utility Technology Program A.A.S.

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and resumes a Fall Term start date. Students must satisfy specific requirements in order to be admitted to this program. See page 18 of the catalog.

Course Code	Credits	Course Code	Credits
SEMESTER 1			
ENGL 121	3	MATH 145	4
ELEC 101	3	ELEC 131	4
COMP 129	3	ENGL 122	3
ELEC 103	4	UTIL 102	4
UTIL 101	4		
	17		15
SUMMER SEMESTER			
UTIL 299	2		
SEMESTER 3			
HIST 105	3	SEMESTER 4	
ELEC 132	4	ECON 107	3
ELEC 133	3	SPCH 130	3
ELEC 201	3	ELEC 202	3
UTIL 201	4	UTIL 202	4
	17	FITN 177	2
			15
		Total Credits for Degree	66

Electronics Technology Program A.A.S. Degree

Electronics Engineering Technology Option

This option is designed for transfer to colleges or universities offering a Bachelor of Science in Technology or a Bachelor of Science in Engineering Technology degree, or for immediate employment in the electronics industry. Students should work with the transfer institution, their counselors, and the Electronics Technology faculty to insure correct course choices.

Graduates of this program will be able to:

- ✓ Perform engineering analysis and problem solving
- ✓ Develop an engineering design to meet given specifications
- ✓ Describe the social and cultural context of the engineering and technology fields
- ✓ Work well in diverse teams and provide leadership to teams and organizations
- ✓ Communicate effectively in oral, graphic and written form
- ✓ Recognize the need for continued learning throughout their career

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
HIST 105	World Civilization I	3
ECON 107	Economics	3
OR		
PSYC 105	Introduction to Psychology I	3
MATH 161	Technical Mathematics I	4
MATH 162	Technical Mathematics II	4

Career Studies – 46 credits as follows:

ELEC 101	Computer Aided Circuit Analysis	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 111	Electrical Circuits I	4
ELEC 112	Electrical Circuits II	4
ELEC 121	Introduction to Electronic Devices and Circuits	4
ELEC 222	Advanced Electronic Circuits	4
ELEC 241	Introduction to Digital Circuits	4
ELEC 242	Introduction to Microprocessors	4
MATH 263	Applied Technical Calculus	4
PHYS 111	General Physics I (non-calculus)	4
PHYS 112	General Physics II (non-calculus)	4
	*Technical Elective	3

*Choose COMP 137 Programming for Engineers (required by A.B.E.T. accredited four-year colleges).

Suggested Sequence – For students matriculated before July 1, 2007 Electronics Technology Program A.A.S. Degree Electronics Engineering Technology Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and *prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. This program is part of a joint admissions agreement program with N.J.I.T. Students completing this program may work toward a Baccalaureate degree or may continue in the Baccalaureate Degree Program at N.J.I.T.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ELEC 101	3	ELEC 121	4
ELEC 103	4	ELEC 241	4
ELEC 111	4	Communications	3
ENGL 121	3	Humanities	3
MATH 161	4	Social Sciences	3
	18		17
SEMESTER 3		SEMESTER 4	
ELEC 112	4	COMP 137 OR Technical Elective	3
ELEC 242	4	ELEC 222	4
MATH 162	4	MATH 263	4
PHYS 111	4	PHYS 112	4
	16		15
		Total Credits for Degree	66

*MATH 151 and/or MATH 152 may be required if MATH requirements are not satisfactory.

Electronics Technology Program A.A.S. Degree

Electronic/Computer Technician Option

Computers have found their way into businesses and homes throughout the nation and the world. This option provides the student with the skills required to troubleshoot and repair a wide variety of computer systems and digital electronic equipment. The student learns how to interface I/O to a micro-processor, and how peripherals and computers communicate with each other. The proliferation of computer systems has created a demand for highly qualified individuals to install and maintain computer systems, peripherals, and networks.

Graduates of this program will be able to:

- ✓ Build, test, operate and maintain electrical systems
- ✓ Apply circuit analysis, problem solving and design, computer programming, associated software, analog and digital electronics, and microcomputers to the building, testing, operation, and maintenance of electrical/electronic(s) systems
- ✓ Apply physics or chemistry to electrical/electronic(s) circuits in a rigorous mathematical environment at or above the level of algebra and trigonometry
- ✓ Describe the social and cultural context of engineering and technology
- ✓ Work effectively in diverse teams and provide leadership to teams and organizations
- ✓ Communicate effectively in oral, graphic, and written form
- ✓ Recognize the need for continued learning throughout their career

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
CHEM 100	Principles of Chemistry	4
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
HIST 105	World Civilization I	3
ECON 107	Economics	3
MATH 161	Technical Mathematics I	4

Career Studies – 45 credits as follows:

COMP 137	Programming for Engineers	3
ELEC 101	Computer Aided Circuit Analysis	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 111	Electrical Circuits I	4
ELEC 112	Electrical Circuits II	4
ELEC 121	Introduction to Electronic Devices and Circuits	4
ELEC 222	Advanced Electronic Circuits	4
ELEC 241	Introduction to Digital Circuits	4
ELEC 242	Introduction to Microprocessors	4
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Computer Peripherals Data Communications Networking	4
*	Technical Elective	3-4

*Choose from technical courses such as ELEC 250, ELEC 295, ELEC 299, MATH 162, MATH 263, PHYS 111, PHYS 112.

A+ Computer Repair Technician Certificate

At the conclusion, students could sit for the following certifications:

- A+

Requirements

General Education – 6 credits required:

Code	Course	Credits
Required:		
ENGL 121	English Composition: The Writing Process	3
Recommended:		
SPCH 115	Effective Speech	3

Career Studies – 25 credits as follows:

ELEC 101	Computer Aided Circuit Analysis	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 241	Introduction to Digital Circuits	4
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Computer Peripherals, Data Communications and Networking	4
COMP 129	Computer Literacy	3
COMP 137	Programming for Engineers	3

Total Credits 31

Graduates of this program will be able to:

- ✓ Demonstrate knowledge of classifications, categories and principles of motherboards, processors, power supplies, expansion slots and memory in desktop computer systems
- ✓ Demonstrate knowledge and skills to identify, install, configure, and upgrade desktop computer modules and peripherals, as well as knowledge of basic types of printers, printer concepts and printer components
- ✓ Demonstrate knowledge of basic network concepts, terminology and security
- ✓ Demonstrate knowledge of operating systems including installation, upgrading, configuration, optimization, security and preventive maintenance
- ✓ Demonstrate the ability to diagnose and troubleshoot common problems and system malfunction as well as perform preventive maintenance.

Suggested Sequence – For students matriculated before July 1, 2007

Electronics Technology Program A.A.S. Degree Electronic/Computer Technician Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. This program is part of a joint admissions agreement program with N.J.I.T. Students completing this program may work toward a Baccalaureate degree or may continue in the Baccalaureate Degree Program at N.J.I.T.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ELEC 101	3	COMP 137	3
ELEC 103	4	ELEC 121	4
ELEC 111	4	ELEC 241	4
MATH 161	4	Humanities	3
Communications	3	Communications	3
	18		17
SEMESTER 3		SEMESTER 4	
ELEC 112	4	ELEC 222	4
ELEC 242	4	ELEC 243	4
Technical Elective	3-4	ELEC 244	4
General Education	4	Social Sciences	3
	15-16		15
		Total Credits for Degree	65-66

CCNA and MCSE Networking Administration Certificate of Achievement

This certificate covers the principles of network design, installation, troubleshooting, and administration. It was designed to prepare the student to take the current CISCO CCNA and Microsoft MCSE Certification examinations. At the conclusion of this Certificate, students could sit for the following Certifications:

- Network+
- CCNA
- MCSE

Requirements

General Education – 3 credits required. The following is suggested:

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3

Career Studies – 31 credits as follows:

NETW 190	MCSE Installing, Configuring and Admin Windows XP Professional	3
NETW 191	MCSE Managing and Maintaining a Windows Server 2003 Environ	3
NETW 192	MCSE Implementing, Managing and Maintain a Windows Server 2003 Network Infrastructure	3
NETW 193	MCSE Planning and Maintaining Windows Server 2003 Network	3
NETW 194	MCSE Planning, Implementing and Maintaining a Windows Server 2003 Active Directory	3
NETW 151	Router Internetworking/CCNA	8
NETW 152	Virtual LANs and WANs/CCNA	8

Total Credits 34

Computer LAN/WAN Technician Certificate/CCNA

Combines A+ with Networking. At the conclusion, students could sit for the following certifications:

- A+
- Network+
- CCNA

Requirements

General Education – 6 credits required.

Code	Course	Credits
Required:		
ENGL 121	English Composition: The Writing Process	3

Recommended:

SPCH 115	Effective Speech	3
----------	------------------	---

Career Studies – 28 credits as follows:

ELEC 103	Electrical Skills and Techniques	4
NETW 151	Router Internetworking/CCNA	8
NETW 152	Virtual LANs and WANs/CCNA	8
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Peripheral and Data Communications	4

Total Credits 34

Graduates of this program will be able to:

- ✓ Demonstrate the fundamental concepts of computer networking and converged networks such as voice, wireless and videos as well as the function of network devices and the limitation of the network media and apply the principles to the design of basic networks
- ✓ Propose a network topology and an addressing scheme for a given network design scenario
- ✓ Demonstrate the ability to assemble and test network cables and use them appropriately to interconnect networking devices
- ✓ Perform router configurations, IOS management, distant vector and link state routing protocol configuration as well as ACL configuration and assignments
- ✓ Demonstrate knowledge of VLSM, Ethernet switch configurations, IOS management, VLAN, STP (Spanning Tree protocol) and RSTP (Rapid Spanning Tree protocol)
- ✓ Understand the protocols used to connect remote sites over a wide area network, as well as selecting the appropriate technologies for WAN interconnections based on available resources and information
- ✓ Propose private addressing implementations using Network Address Translation or equivalent solutions such as Port Address Translation

CISCO CCNA Certification

This option is designed for those who wish to learn how to design, install, and configure LANs, Virtual LANs, and WANs. After successful completion of this Certification Option, the student will have learned all the material, and configured Cisco routers and switches in preparation for taking the CCNA Certification exam. The student will also have learned most of the material necessary to take the Network+ exam.

- CCNA

Requirements

NETW 151	Router Internetworking/CCNA	8
NETW 152	Virtual LANs and WANs/CCNA	8
Total Credits		16

Engineering Program A.S. Degree

The impact of science and technology in today's world has created a wide range of engineering career opportunities in government, business and industry. Opportunities exist for chemical, civil, electrical, industrial, mechanical, mineral, space, nuclear and research engineers. As the pace of technological developments increases, so does the need for qualified persons with engineering backgrounds. The Engineering Program provides the first two years of a four-year engineering curriculum. Students are required to take ENGI 105 in the first term and declare a major area of study toward the end of this course. Students should work with your counselor to satisfy requirements for major career areas.

Graduates of this program will be able to:

- ✓ Perform engineering analysis and problem solving
- ✓ Develop an engineering design to meet given specifications
- ✓ Describe the social and cultural context of the engineering and technology fields
- ✓ Work well in diverse teams and organizations
- ✓ Communicate effectively in oral, graphic and written form
- ✓ Recognize the need for continued learning throughout their career

Requirements

General Education – 30 credits as follows:

CHEM 101	General Chemistry I	5
CHEM 102	General Chemistry II	5
ECON 107	Economics	3
ENGL 121	English Composition: The Writing Process	3
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4
	Humanities - Designated	3
	Social Sciences - Designated	3

Career Studies – 34 credits as follows:

CADD 121	Engineering Graphics with CADD	4
COMP 137	Programming for Engineers	3
ENGI 101	Engineering Mechanics I	3
ENGI 102	Engineering Mechanics II	3
ENGI 105	Introduction to Engineering	1
MATH 171	Calculus I	4
MATH 172	Calculus II	4
MATH 273	Calculus III	4
MATH 274	Elementary Differential Equations	4
PHYS 223	General Physics III	4

Technical Electives – 6–15 credits (choose one set of courses)

CHEMICAL ENGINEERING			
CHEM 203	Organic Chemistry I	5	
CHEM 204	Organic Chemistry II	5	
CIVIL ENGINEERING			
ENGI 205	Strength of Materials	3	
ENGI 206	Material Properties and Processes	3	
ENGI 261	Surveying I	4	
ELECTRICAL ENGINEERING			
ENGI 241	Properties of EE I (Circuits)	4	
ENGI 242	Properties of EE II (Electronics)	4	
ENGI 251	Digital I	3	
ENGI 252	Properties of EE III (Circuits)	4	
MECHANICAL ENGINEERING			
ENGI 205	Strength of Materials	3	
ENGI 206	Material Properties and Processes	3	
ENGI 216	Kinematics and Dynamics of Machinery	3	
INDUSTRIAL ENGINEERING			
ENGI 205	Strength of Materials	3	
ENGI 206	Material Properties and Processes	3	

Suggested Sequence – For students matriculated before July 1, 2007 Engineering Program A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites* and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. This program is part of a joint admissions agreement program with N.J.I.T. Students completing this program may work toward a Baccalaureate degree or may continue in the Baccalaureate Degree Program at N.J.I.T.

The following prerequisites must be taken prior to admission:

Course Code	Credits	Course Code	Credits
SEMESTER 1			
ENGI 105	1	CADD 121	4
CHEM 101	5	CHEM 102	5
ENGL 121	3	ENGL 122	3
MATH 171	4	MATH 172	4
Humanities	3	PHYS 121	4
	16		20
SUMMER II SEMESTER			
ENGI 261	4		
SEMESTER 3			
COMP 137	3	SEMESTER 4	
ENGI 101	3	ENGI 102	3
MATH 273	4	ECON 107	3
PHYS 122	4	MATH 274	4
Technical Elective OR ENGI 205	3-5	PHYS 223	4
	17-19	Social Sciences	3
		Technical Elective OR ENGI 206	3
			20

Total Credits for Degree 73-75

*MATH 151, MATH 152 and/or MATH 153 may be required if MATH requirements are not met.

Fashion Merchandising Program A.A.S. Degree

Students who wish to prepare for a sales, management, or buying career in the wholesale or retail fashion industry should select this program which combines fashion studies with business and general education courses. After graduation, students may either begin their careers or may choose to transfer to Bachelor degree programs in colleges which offer Fashion Merchandising degrees. Graduates of this program have been accepted with full credit to the upper division of four-year colleges which offer fashion-related Bachelor degrees.

Graduates of this program will be able to:

- ✓ Demonstrate a working knowledge of the fashion industry from concept to consumer
- ✓ Apply computation skills pertinent to the fashion and retailing industries
- ✓ Apply appropriate visual merchandising and advertising techniques
- ✓ Demonstrate both customer service and management techniques, which apply to the fashion industry
- ✓ Demonstrate an understanding of the interrelationships between the consumer and the primary, secondary, retailing and auxiliary segments of the fashion industry

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ARTH 106	History of Art: Ancient Through Medieval OR	3
ARTH 107	History of Art: Renaissance Through Contemporary	3
ENGL 121	English Composition: The Writing Process	3
SPCH 115	Effective Speech	3

Students planning to transfer should see their counselors regarding general education requirements.

Career Studies – 27 credits as follows:

MRKT 105	Advertising	3
MRKT 111	Fundamentals of Retailing	3
FASH 121	Fashion Merchandising	3
FASH 122	Textile Science	3
FASH 205	Merchandise Planning and Control	3
FASH 212	Visual Merchandising and Display	3
FASH 213	Buying	3
FASH 223	Fashion Coordination	3
FASH 224	Case Studies & Executive Development in Fashion Merchandising	3

Career Studies – 9 credits from among the following:

BUSI 165	Computer Applications in Business OR	3
COMP 129	Computer Literacy	3
BUSI 205	Principles of Management	3
BUSI 206	Supervisory Management	3
ECON 105	Macro Economics	3
ECON 106	Micro Economics	3
MRKT 101	Introduction to Marketing	3
MRKT 145	Salesmanship	3
FASH 295	Special Project-Fashion Merchandising	1-3
FASH 299	Fashion Merchandising Internship	3

Electives 4

Suggested Sequence – For students matriculated before July 1, 2007 Fashion Merchandising Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
FASH 121	3	FASH 122	3
MRKT 111	3	MRKT 105	3
ENGL 121	3	FASH 205	3
Social Sciences	3	SPCH 115	3
Elective	4	Math or Science or Technology	3-4
	16		15-16
SEMESTER 3		SEMESTER 4	
FASH 212	3	FASH 223*	3
FASH 213	3	FASH 224*	3
Career Studies	3	Career Studies	3
Humanities	3	General Education	6
Career Studies	3		15
	15	Total Credits for Degree	61-62

*Offered Spring term only.

Fine Arts Program A.F.A. Degree Studio Art Option

The Associate of Fine Arts Degree in Studio Art provides a well-rounded education with the adequate range of liberal studies required by four-year Bachelor of Fine Arts programs. The Studio Art Option is designed for students seeking to transfer to a four-year college or professional art school. This option provides the courses necessary at the Associate degree level to transfer to a Bachelor of Fine Arts in Studio Art or Visual Art with a concentration in Drawing, Painting, Ceramics, Jewelry, or Sculpture. Because certain requirements may vary in some B.F.A. programs, students should identify transfer schools as early as possible, and work closely with counselors to insure selecting appropriate courses for smooth transfer.

Graduates of this program will be able to:

- ✓ Demonstrate a proficiency in basic design elements
- ✓ Discuss the history of the visual arts
- ✓ Demonstrate a proficiency in the use of basic crafts and visual arts

Requirements

General Education – No fewer than 20 credits with at least three credits from Humanities, Math/Science and Social Science (see page 47). Courses designed to meet basic skills competency in writing, reading or mathematics do not count toward fulfillment of the 20 credit general education requirements.

Career Studies – 19 credits as follows:

Code	Course	Credits
ARTH 106	History of Art: Ancient through Medieval	3
ARTH 107	History of Art: Renaissance through Contemporary	3
ARTS 111	Drawing I	3
ARTS 121	2-D Design	3
ARTS 122	Color Theory	3
ARTS 123	3-D Design	3
*ARTS 295	Special Project – Art	1

**One credit special project to be used for portfolio development.*

Career Studies – 21 credits from among the following:

ARTC 141	Digital Paint I	3
ARTC 142	Digital Paint II	3
ARTS 112	Drawing II	3
ARTS 131	Printmaking	3
ARTS 151	Ceramics I	3
ARTS 152	Ceramics II	3
ARTS 156	Sculpture I	3
ARTS 161	Jewelry I	3
ARTS 162	Jewelry II	3
ARTS 213	Figure Drawing I	3
ARTS 231	Painting I	3
ARTS 232	Painting II	3
ARTS 235	Watercolor	3
ARTS 295	Special Project – Art	1-6
ARTS 299	Art Internship	1-3
PHTY 111	Photography	3

**Suggested Sequence – For students matriculated before July 1, 2007
Fine Arts Program A.F.A. Degree
Studio Art Option**

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ARTS 111	3	ARTS 106	3
ARTS 121	3	ARTS 122	3
ENGL 121	3	ARTS 123	3
Social Sciences	3	ENGL 122	3
General Education	3	Mathematics or Science or Technology	3-4
	15		15-16
SEMESTER 3		SEMESTER 4	
ARTS 107	3	Career Studies	12
ARTS 295	1	General Education	3
Career Studies	9		15
General Education	3	Total Credits for Degree	61-62
	16		

Health Information Technology Program A.A.S. Degree

Students graduating with the Health Information Technology A.A.S. degree will have developed skills in organizing, maintaining and evaluating health records. They will be able to assemble health information, ensure that all forms are completed and properly identified and signed, and ensure that all necessary information is in the computer.

Graduates will have the ability to code patients' medical information for insurance purposes and use computer programs to tabulate and analyze data to improve patient care, provide documentation for use in legal actions or provide data for use in research studies. As members of the health care team, they will be able to communicate with physicians and other health care professionals to clarify diagnoses or to obtain additional information.

Graduates of this program will be able to:

- ✓ Collect, analyze, monitor, maintain, retrieve and report health care data in accordance with quality assurance principles
- ✓ Use critical thinking as a framework for decision making in information system issues in a variety of settings
- ✓ Communicate and collaborate effectively with clients, and members of the health care team.
- ✓ Practice in a legal and ethical manner exhibiting personal accountability for all actions
- ✓ Synthesize knowledge from health information technology and other disciplines to promote optimal information system function.

Requirements

General Education – 20 credits as follows:

Code	Course	Credits
ENGL 121	English Composition: Writing Process	3
ENGL 122	English Composition: Writing & Research	3
ENGL 235	World Literature	3
PSYC 106	Introduction to Psychology II	3
BIOL 111	Anatomy & Physiology I	4
BIOL 112	Anatomy & Physiology II	4

Career Studies – 41 credits as follows:

BTEC 116	Microsoft Office	4
HESC 105	Medical Terminology	3
HITC 121	Introduction to Health Information Technology	3
HITC 122	Health Information in Alternative Systems	4
HITC 123	Health Information and the Law	3
HITC 124	Pathophysiology	3
HITC 221	Coding and Classification Systems I	6
HITC 222	Health Information Documentation	3
HITC 223	Health Information Reporting	3
HITC 224	Coding and Classification Systems II	6
HITC 225	Health Information Management	3

Electives 3

Suggested Sequence – Health Information Technology A.A.S Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
HITC 121	3	HITC 122	4
BTEC 116	4	HITC 123	3
HESC 105	3	HITC 124	3
BIOL 111	4	BIOL 112	4
ENGL 121	3	ENGL 122	3
	17		17
SEMESTER 3		SEMESTER 4	
HITC 221	6	HITC 224	6
HITC 222	3	HITC 225	3
HITC 223	3	ENGL 235	3
PSYC 106	3	Elective	3
	15		15
		Total Credits for Degree	64

Horticulture Certificate

The Ornamental Horticulture Certificate prepares students to pursue this interesting and dynamic field as a profession or to enhance knowledge for personal pleasure. People of all ages and backgrounds take courses to gain or augment horticultural skills. Whether you are planning to begin your own small business, desire to expand into new, potentially-profitable areas, need better trained employees or simply want to pursue horticulture as a life-long hobby, Brookdale offers a variety of useful and stimulating courses.

The 30-credit certificate combines specialized career courses with related general education studies. Students planning to transfer to two- or four-year degree programs work closely with their counselors and instructors to select appropriate courses and insure a smooth transition process. Students interested in a four-year horticulture degree, for example, will need additional science and math courses to meet specific transfer college entry requirements.

Graduates of this program will be able to:

- ✓ Prepare students for transfer to four-year Horticulture Programs
- ✓ Obtain or improve horticulture business-related job skills
- ✓ Acquire useful information and techniques to become a more knowledgeable and successful gardener
- ✓ Obtain employment or become a successful owner/manager of a horticulture business

Requirements

General Education – 6 credits as follows:

Code	Course	Credits
Required		
ENGL 121	English Composition The Writing Process	3
	*Humanities/Social Science	3

*Must be a course with a (●) designation.

*Career Studies – 8 credits as follows:

BIOL 125	Introduction to Plants AND	4
HORT 125	Landscape Plant Materials I OR	4
HORT 126	Landscape Plant Materials II	4

*Career Studies – 16 credits from among the following:

BUSI 241	Small Business Management	3
HORT 115	Soil Science	4
HORT 125	Landscape Plant Materials I	4
HORT 135	Grounds Maintenance	3
HORT 146**	Great Gardens	2
HORT 151	Floral Design I	1
HORT 152	Floral Design II	1
HORT 153	Floral Design III	1
HORT 185	Landscape Design	4
HORT 186	Landscape Construction	3
HORT 225	Turf Management	3
HORT 235	Plant Diseases and Pests	3
HORT 245	Plant Propagation	4
HORT 295	Special Project-Ornamental Horticulture	1-6
HORT 299	Horticulture Internship	1-6

*All career courses taken for the Horticulture Certificate Program must have a grade of “C” or higher

**Students can take HORT 146 in the summer as a substitute for any of the courses in the suggested sequence.

Total credits for certificate 30

Floral Design Certificate of Achievement

Completion of the following courses will enable one to pursue a career as a floral designer and work toward operating or owning a small business selling cut flowers and floral arrangements for various occasions.

Requirements:

Career Studies – 6 credits as follows:

Code	Course	Credits
HORT 151	Floral Design I	1
HORT 152	Floral Design II	1
HORT 153	Floral Design III	1
BUSI 241	Small Business Management	3

Recommended:

HORT 299	Horticulture Internship	2-3
----------	-------------------------	-----

Landscape Design Certificate of Achievement

Completion of the following courses will enable one to pursue a career as a landscape designer and work toward operating or owning a small business that installs attractive functional landscapes.

Requirements:

Career Studies – 15 credits as follows:

Code	Course	Credits
HORT 125	Landscape Plant Materials I	4
HORT 126	Landscape Plant Materials II	4
HORT 185	Landscape Design	4
HORT 186	Landscape Construction	3

Recommended:

HORT 299	Horticulture Internship	2-3
----------	-------------------------	-----

Suggested Sequence – Horticulture Certificate

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
BIOL 125	4	HORT 125	4
HORT 126	4	HORT 185 or	4
	8	HORT 151, HORT 152 and HORT 153	3
			7-8
SEMESTER 3		SEMESTER 4	
HORT 235 or	3	HORT 115 and/or	3
HORT 245	4	HORT 225 and/or	3
HORT 135	3	HORT 186	3
ENGL 121	3	Humanities or Social Sciences	3
HORT 299*	2-3	HORT 299*	2-3
	9-13		6-15

Total Credits for Degree 30

*Internships are recommended but not required either Fall or Spring of the 2nd year.

Note: Students may substitute BUSI 241 for one of the career courses in the suggested sequence if they wish to operate a small business.

Humanities Program A.A. Degree

Art Option

This option prepares the student for transfer to a four-year college or professional art school to major in the visual arts. It provides the core courses necessary for Bachelor's degree programs in art, art education, art therapy, illustrating, jewelry, ceramics design and manufacture, and commercial art. Graduates of this option may choose to find art-related work and receive on-the-job training.

Graduates of this program will be able to:

- ✓ Explain the significant events in the history of art
- ✓ Discuss the different techniques basic to the processes of artmaking
- ✓ Develop an aesthetic sense in relation to the arts and culture

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 6 credits as follows:

Code	Course	Credits
ARTS 111	Drawing I	3
ARTS 121	2-D Design	3

Career Studies – 6 credits from among the following:

ARTC 141	Digital Paint I	3
ARTC 142	Digital Paint II	3
ARTS 112	Drawing II	3
ARTS 122	Color Theory	3
ARTS 123	3-D Design	3
ARTS 131	Printmaking	3
ARTS 151	Ceramics I	3
ARTS 152	Ceramics II	3
ARTS 161	Jewelry I	3
ARTS 162	Jewelry II	3
ARTS 213	Figure Drawing	3
ARTS 231	Painting I	3
ARTS 232	Painting II	3
ARTS 235	Watercolor	3

Electives 3

Digital Arts Certificate of Achievement

This short program of study is designed to train students in the areas of: digital paint, design, page layout and web design. It is tailored to meet entry requirements in the fields of digital publishing and web design. Students completing this course of study are awarded a Certificate of Proficiency.

Requirements

18 credits as follows:

Code	Course	Credits
ARTC 141	Digital Paint I	3
ARTC 142	Digital Paint II	3
ARTC 147	Desktop Publishing I	3
ARTC 155	Designing for the Internet I	3
ARTC 247	Desktop Publishing II	3
ARTC 255	Designing for the Internet II	3

Suggested Sequence – For students matriculated before July 1, 2007

Humanities Program A.A. Degree

Art Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ARTS 111	3	Career Studies	3
ARTS 121	3	ENGL 122	3
COMP 129	3	General Education	3
ENGL 121	3	Mathematics	3-4
Humanities	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	12
Humanities	3	Elective	3
Science	3-4		15
Social Sciences	3	Total Credits for Degree	60-62
SPCH 115	3		
	15-16		

Humanities Program A.A. Degree Broadcasting Option

The combination of theory and applied broadcasting courses with liberal arts studies is designed to allow students to transfer to four-year institutions as Broadcasting majors. Career options open to four-year Broadcasting graduates include radio/TV operations and management, announcing, copywriting, newscasting, sportscasting, camera operations, directing, technical directing and others.

Graduates of this program will be able to:

- ✓ Demonstrate basic knowledge of TV studio or digital audio equipment
- ✓ Explain basic concepts about the history, theories, social effects, terminology and aesthetics of communication
- ✓ Apply concepts to the analysis of media content
- ✓ Investigate and synthesize information on topics and questions related to course concepts

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the following:

Code	Course	Credits
COMM 101	Communication	3
COMM 102	Communication Media	3
COMM 115	Audio in Media	2
COMM 216	Fundamentals of Music Recording	3
JOUR 101	Introduction to Journalism	3
RDIO 101	Introduction to Radio	3
RDIO 202	Radio News and Public Affairs	3
TELV 115	TV: Aesthetics and Analysis	3
TELV 121	Television Production	3
TELV 122	Portable Video Production	3
Electives		3

**Suggested Sequence – For students matriculated before July 1, 2007
Humanities Program A.A. Degree
Broadcasting Option**

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMM 101	3	COMM 102	3
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	<u>3</u>	Social Sciences	<u>3</u>
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	<u>3</u>
General Education	<u>6</u>		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Communication Design Option

Students who wish to transfer with majors in graphic design should select this option which combines general education and basic production courses. The option prepares students to transfer to four-year programs which allow them to enter design fields such corporate design, illustration, graphic design, typography, corporate identity and others

Graduates of this program will be able to:

- ✓ Explain the meaning of corporate identity
- ✓ Explain the principles of good illustration
- ✓ Demonstrate graphic design
- ✓ Explain typography

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits as follows:

Code	Course	Credits
GRPH 101	Typography I	3
GRPH 102	Typography II	3
GRPH 204	Graphic Design Production	3
GRPH 216	Graphic Design Techniques	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Communication Design Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
GRPH 101	3	GRPH 102	3
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
GRPH 204	3	GRPH 216	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Creative Writing Option

This option provides the writing skills and general studies to establish a foundation in creative writing across genres with some depth in specific genres and will prepare students for transfer to writing programs at the four year college level for further study. It will also prepare students for positions in writing and publishing such as writer, editor, proofreader, editorial staff positions in creative fields such as publishing, advertising, and public relations as well as a creativity worker such as author. Students interested in pursuing a BFA, MFA or PhD in Creative Writing will benefit the most from this Option, but general English majors may be interested as well.

Graduates of this program will be able to:

- ✓ Understand the difference between literary criticism and the writer’s craft
- ✓ Be able to both explicate a piece of literature and deconstruct the use of craft elements specific to certain genres of writing
- ✓ Understand the basic elements of contemporary poetics, fiction, creative non-fiction and other genres of writing
- ✓ Develop and show a portfolio of original creative work as well as scholarship on contemporary literature
- ✓ Exhibit basic facility in at least two genres of creative writing
- ✓ Understand the dynamics of writers’ workshops, and be prepared to participate in workshops at the four year college or writing conference level
- ✓ Understand the educational and career path opportunities available to creativity workers and writers including BFA and MFA programs, job offerings, and fellowship and conference opportunities
- ✓ Be familiar with the protocols of publication and have a wide familiarity with publishing including print and online.

Requirements

General Education – 45 credits as described on page 47.

Career Studies - 12 credits as follows:

Career Studies – 6-9 credits from the following:

Code	Course	Credits
ENGL 221	Creative Writing	3
ENGL 223	Poetry Writing Workshop	3
ENGL 224	Fiction Writing Workshop	3
ENGL 227	Creative Non-Fiction Workshop	3

Career Studies – 3-6 credits from the following:

ENGL 128	Writing from the Female Experience	3
ENGL 155	The Short Story	3
ENGL 156	Introduction to Poetry	3
ENGL 158	Introduction to Literature	3
ENGL 168	Contemporary Plays	3
ENGL 265	Children’s Literature	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Creative Writing Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16		
Total Credits for Degree			60-62

Humanities Program A.A. Degree English Option

This option is designed for transfer to a four-year college with a major in writing and/or literature. Students in this option take writing and courses concerned with specific areas of literature, coupled with liberal arts studies. Four-year English graduates enter widely diverse professions, among which may be teaching, copywriting, editing and publishing.

Graduates of this program will be able to:

- ✓ Choose a strong thesis and organize a competent term paper around this thesis
- ✓ Research competently in libraries, databases, and search engines; utilize that research to augment their thesis; and document that research correctly in MLA format
- ✓ Utilize a basic college vocabulary of words commonly used to describe literary forms and techniques
- ✓ Think critically about literary texts and support an interpretation or analysis of any author by specific references to his or her work as well as by contextual references by scholars
- ✓ Distinguish literary genres
- ✓ Explain metaphorical thinking

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the following:

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
ENGL 127	Business Writing	3
ENGL 128	Writing from the Female Experience	3
ENGL 150	African-American Literature	3
ENGL 155	The Short Story	3
ENGL 156	Introduction to Poetry	3
ENGL 158	Introduction to Literature	3
ENGL 161	Literature of the Occult	3
ENGL 168	Contemporary Plays	3
ENGL 175	Woman as Author	3

ENGL 221	Creative Writing	3
ENGL 225	Technical Writing	3
ENGL 231	British Literature I	3
ENGL 232	British Literature II	3
ENGL 235	World Literature I	3
ENGL 236	World Literature II	3
ENGL 245	American Literature I	3
ENGL 246	American Literature II	3
ENGL 265	Children's Literature: An Introduction	3
ENGL 266	Young Adult Literature: Books and the Adolescent	3
ENGL 275	Shakespeare's Plays	3
ENGL 295	Special Project – English	1-6

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree English Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on completion of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Journalism Option

This option provides the writing skills and general studies necessary for transfer to a four-year college to prepare for various positions in writing and publishing, such as reporter, editor, researcher, special-interest writer, book reviewer. Skills learned in journalism are helpful for careers in advertising, law, public relations and business.

Graduates of this program will be able to:

- ✓ Stay current on the ever-growing journalism industry and the convergence of various media types
- ✓ Explain how a story grows or changes depending upon the medium reporting the news
- ✓ Demonstrate an understanding of what constitutes good, fair and unbiased journalism and use critical thinking skills to determine when these standards are being violated
- ✓ Gather news and evaluate the credibility of news sources
- ✓ Perform basic interviewing techniques
- ✓ Follow a journalistic writing style, such as AP, to write impact-driven, concise and precise stories in a variety of formats, such as spot news, features, editorials, and reviews
- ✓ Analyze and synthesize notes and other sources to create unbiased news reports and well-argued critiques and editorials

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 6 credits as follows:

Code	Course	Credits
JOUR 101	Introduction to Journalism	3
JOUR 102	Journalism II	3

Career Studies – 6 credits from among the following:

COMM 101	Communication	3
COMM 102	Communication Media	3
COMM 115	Audio in Media	3
ENGL 127	Business Writing	3
ENGL 225	Technical Writing	3
HUMN 215	Propaganda and Critical Thinking	3
JOUR 295	Special Project – Journalism	1-6
JOUR 299	Journalism Internship	1-6
RDIO 101	Introduction to Radio	3
RDIO 202	Radio News and Public Affairs	3
TELV 121	Television Production	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007

Humanities Program A.A. Degree Journalism Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on completion of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
JOUR 101	3	JOUR 102	3
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	9
Humanities	3	Elective	3
Science	3-4	Career Studies	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Languages Option

This option prepares students of Arabic, Chinese, French, German, Italian, Japanese, Russian or Spanish for transfer to a liberal arts program in foreign languages. Languages are assets to many careers, among which are foreign service, interpreting, international business, government, law enforcement, health professions, social services and education. A double major on the four-year level that combines language with any of these fields can be advantageous.

Graduates of this program will be able to:

- ✓ Speak, read and write in the language at the intermediate level
- ✓ Discuss and evaluate the culture, customs and current events of the countries where the language is spoken
- ✓ Interact with native speakers of the language

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the following, including at least one 200-level course:

Code	Course	Credits
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
CHNS 101	Elementary Chinese I	4
CHNS 102	Elementary Chinese II	4
FRCH 101	Elementary French I	4
FRCH 102	Elementary French II	4
FRCH 203	Intermediate French I	3
FRCH 204	Intermediate French II	3
FRCH 206	French Conversation & Composition I	3
FRCH 207	French Conversation & Composition II	3
GRMN 101	Elementary German I	4
GRMN 102	Elementary German II	4
GRMN 203	Intermediate German I	3
GRMN 204	Intermediate German II	3
ITAL 101	Elementary Italian I	4
ITAL 102	Elementary Italian II	4
ITAL 203	Intermediate Italian I	3
ITAL 204	Intermediate Italian II	3
JPNS 101	Elementary Japanese I	4
JPNS 102	Elementary Japanese II	4
JPNS 203	Intermediate Japanese I	3
JPNS 204	Intermediate Japanese II	3
LANG 295	Special Project – Modern Language	1-6

RUSS 101	Elementary Russian I	4
RUSS 102	Elementary Russian II	4
SPAN 101	Elementary Spanish I	4
SPAN 102	Elementary Spanish II	4
SPAN 203	Intermediate Spanish I	3
SPAN 204	Intermediate Spanish II	3
SPAN 207	Spanish Conversation & Composition	3
SPAN 215	Contemporary Latin American Literature	3
SPAN 216	Spanish for Native and Near-Native Speakers	3
Electives		3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Languages Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3-4	Career Studies	3-4
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15-16		15-17
SEMESTER 3		SEMESTER 4	
Career Studies	3-4	Career Studies	3-4
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15-16
	15-17	Total Credits for Degree	60-66

Humanities Program

A.A. Degree

Liberal Education Option

This option is designed for the student who is planning to transfer to a four-year institution and for the student who desires two years of collegiate liberal education. There is considerable freedom in course selection. Aptitude and interest testing is available from a counselor to help the student make a career choice.

Graduates of this program will be able to:

- ✓ Explain the various options for majors in the area of liberal studies
- ✓ Research and write college level reports and papers
- ✓ Produce projects in one or more of the following areas: Art, Communication Design, Communications Media, Dance, Journalism or will have acquired a specialty in either English or a foreign language

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from selected courses in Art, Communication Design, Communications Media, Dance, English, Journalism, Modern Languages, Music, Speech and Theater.

Electives 3

Bachelor’s Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor’s degree in Liberal and Labor Studies at Brookdale’s **New Jersey Coastal CommuniversiTY**. For program details and transfer information, students should talk to their Student Development Specialist or call the CommuniversiTY at 732-280-2090.

Suggested Sequence – For students matriculated before July 1, 2007
Humanities Program A.A. Degree
Liberal Education Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on completion of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Media Studies Option

Students who wish to transfer to four-year communications degree programs should choose this option. Mass media theory and production courses are coupled with liberal arts. Four-year graduates may enter such positions as television producer/director, corporate communications specialist, media specialist and communication researcher/analyst.

Graduates of this program will be able to:

- ✓ Recall and understand basic concepts about the history, theories, social effects, terminology and aesthetics of communication
- ✓ Apply concepts to the analysis of media content
- ✓ Investigate and synthesize information on topics and questions related to course concepts

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits as follows:

Code	Course	Credits
CINE 105	Film Appreciation: The Motion Picture as an Art Form	3
COMM 101	Communication	3
COMM 102	Communication Media	3
TELV 115	TV: Aesthetics and Analysis	3
Electives		3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Media Studies Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMM 101	3	COMM 102	3
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
CINE 105	3	TELV 115	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Music Option

Students in this option should take music and music theory courses, coupled with the liberal arts studies necessary for transfer to a four-year college.

Graduates of this program will be able to:

- ✓ Demonstrate a complete technical and artistic technique in their major instrument
- ✓ Perform in student recitals and in other Brookdale events such as classroom demonstrations, music club lectures and events off campus
- ✓ Demonstrate the artistic development and technical skills required of a complete creative artist

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the following:

Code	Course	Credits
GENERAL MUSIC		
MUSI 101	Fundamentals of Music	3
MUSI 102	Comprehensive Musicianship I	3
MUSI 103	Ear Training (Offered Spring Term only)	3
MUSI 115	Music Appreciation	3
MUSI 116	History of Jazz	3
MUSI 121	Song Writing (Offered Spring Term only)	3
MUSI 122	Commercial Composition II	3
MUSI 123	Music Technology I (Offered Fall Term only)	3
MUSI 201	Comprehensive Musicianship II	3
MUSI 221	Music Technology II (Offered Spring Term only)	3
PIANO		
MUPF 101	Group Piano I	3
MUPF 102	Group Piano II	3
MUPF 103	Group Piano III	3
MUPF 201	Group Piano IV	3
MUPF 202	Group Piano V	3
MUPF 203	Group Piano VI	3
VOICE		
MUPF 111	Voice I	3
MUPF 112	Voice II	3
MUPF 211	Voice III	3
MUPF 212	Voice IV	3
GUITAR		
MUPF 121	Jazz Ensemble I	3
MUPF 131	Group Guitar I	3
MUPF 132	Group Guitar II	3
Electives		3

Suggested Sequence – For students matriculated before July 1, 2007
**Humanities Program A.A. Degree
 Music Option**

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		<u>15</u>
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree Photography Option

This option should be selected by the student who wishes to transfer with a major in photography. Theoretical and applied photography courses coupled with liberal arts prepare the student to transfer and prepare for employment as photographic artists, photo-journalists, photo-illustrators, photo lab technicians, commercial or medical photographers.

Graduates of this program will be able to:

- ✓ Demonstrate a mastery of basic and intermediate photographic principles and techniques
- ✓ Evaluate photographic images based on technical and artistic quality
- ✓ Think critically about the documentary, aesthetic, and metaphoric potential of the photographic medium
- ✓ Explain the history and impact of photography on society and the arts
- ✓ Identify photographers of historic and artistic significance
- ✓ Demonstrate the ability to utilize the photographic medium as a means of communication and personal expression

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 9 credits as follows:

Code	Course	Credits
PHTY 105	Photography as an Art Form	3
PHTY 111	Photography I	3
PHTY 112	Photography II	3

Career Studies – 3 credits from among the following:

PHTY 215	Color Photography	3
PHTY 216	Portfolio Development	3
PHTY 225	Computer Enhanced Photography	3
PHTY 235	Large Format Photography	3
PHTY 295	Special Project-Photography	1-6

Electives 3

**Suggested Sequence – For students matriculated before July 1, 2007
Humanities Program A.A. Degree
Photography Option**

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PHTY 105	3	PHTY 112	3
PHTY 111	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	12
Humanities	3	Elective	3
Science	3-4		15
General Education	6	Total Credits for Degree	60-62
	15-16		

Humanities Program A.A. Degree

Public Relations Option

Designed for transfer, this option combines communication/mass media courses with liberal arts requirements. Bachelor's degree graduates may take such positions as communications specialist, public relations specialist, copywriter for news and media releases, advertising worker, community relations specialist, lobbyist, speech writer and media advisor.

Graduates of this program will be able to:

- ✓ Evaluate their potential success in public relations through a broad examination of the topic
- ✓ Demonstrate understanding of the definition, history, function, tools, and techniques of public relations
- ✓ Investigate the characteristics of the practitioner, organizational structures, and job opportunities
- ✓ Practice the necessary skills and meet practicing professionals

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits as follows:

Code	Course	Credits
COMM 101	Communication	3
COMM 102	Communication Media	3
COMM 106	Introduction to Public Relations	3
ENGL 127	Business Writing	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Public Relations Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMM 101	3	COMM 102	2
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
COMM 106	3	ENGL 127	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Humanities Program A.A. Degree

Speech Communication Option

This Option is for students who wish to transfer to a four-year college with a major in Speech Communication or Communication. Career Options open to four-year Speech Communication majors include, teaching, advertising, sales, corporate training, public relations and broadcast journalism. Students taking this option are urged to participate in Brookdale's competitive speech team. The combination of theoretical and applied oral communication courses within liberal arts studies allow students to transfer to four-year institutions as Speech, Speech Communication or Communication majors.

Graduates of this program will be able to:

- ✓ Utilize critical thinking to create and evaluate messages
- ✓ Demonstrate information literacy by identifying a need for information, collecting, analyzing, organizing and evaluating information to create effective messages
- ✓ Articulate an aesthetic response to the arts or humanities in oral performance and/or mediated messages
- ✓ Utilize appropriate technology to communicate with others, access and manage information, create and use visual aids, and/or create mediated messages
- ✓ Utilize personal development skills to hand in work on time, meet all attendance requirements and deal with stress effectively
- ✓ Communicate and work effectively with culturally diverse populations, use effective teamwork to complete tasks, demonstrate conflict resolution skills in small group and interpersonal settings, and demonstrate an awareness of the importance of designing effective communication for the contemporary global community

Requirements

General Education – 45 credits as described on page 47. The following general education course, while not required, is recommended for students choosing this program:

Code	Course	Credits
SPCH 115	Effective Speech	3

Career Studies – 12 credits from among the following:

COMM 101	Communication	3
COMM 102	Communication Media	3
SPCH 125	Oral Interpretation	3
SPCH 126	Small Group Discussion	3
SPCH 127	Voice and Diction	3
SPCH 130	Interpersonal Communications	3
SPCH 226	Speech Practicum	1-3
SPCH 295	Special Project – Speech	1-3
SOCI 105	Intercultural Communication	3

Electives		3
------------------	--	----------

Suggested Sequence – For students matriculated before July 1, 2007 Humanities Program A.A. Degree Speech Communication Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
ENGL 121	3	SPCH 115	3
Humanities	3	ENGL 122	3
Social Sciences	3	Mathematics	3
COMM 101 or 102	3	Social Sciences	3
	15		15
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	12
Humanities	3	Elective	3
Science	3-4		15
General Education	6	Total Credits for Degree	60-62
	15-16		

Humanities Program A.A. Degree

Speech/Theater Option

Students who wish to specialize in oral presentation skills and/or performing arts at a four-year college or theater training school should choose this option. Those electing a speech concentration will learn skills valuable in such career areas as sales, government, public relations and broadcasting. Those electing theater may, upon Brookdale graduation, continue at a professional school or four-year college, or choose to learn on-the-job in acting, directing or technical theater. Students selecting the Speech/Theater option are urged to participate in Brookdale theater productions and/or speech competitions.

Graduates of this program will be able to:

- ✓ Use effective listening, verbal and non-verbal communication skills, communicate emotional content and response
- ✓ Use critical and creative thinking to make effective decisions on how to approach the development of a character or a speech
- ✓ Use visual, verbal or written methods to express their own creativity and/or response to aesthetic content
- ✓ Use technology to aid in the creative process
- ✓ Identify and analyze the effects of historical and societal issues on performance material
- ✓ Engage in effective teamwork
- ✓ Apply an understanding of diversity and cultural perspective to the interpretation of performance material
- ✓ Manage time effectively

Requirements

General Education- 45 credits as described on page 47.

Career Studies - 6 credits from among the following:

Code	Course	Credits
SPCH 115	Effective Speech	3
SPCH 126	Small Group Discussion OR	3
THTR 111	Acting I	3
SPCH 130	Interpersonal Communication	3
THTR 105	Theater Appreciation	3

Career Studies - 6 credits from among the following:

ENGL 168	Modern American Plays	3
SPCH 125	Oral Interpretation	3
SPCH 127	Voice & Diction: Personal & Professional Voice Improvement	3
SPCH 226	Speech Practicum	1-3
SPCH 295	Special Project-Speech	1-6
THTR 112	Acting II	3
THTR 121	Beginning Directing	3
THTR 135	Musical Theater	3
THTR 145	Technical Theater I	3
THTR 146	Technical Theater II	3
THTR 213	Acting III: Advanced Techniques	3
THTR 222	Acting IV: Auditioning	3
THTR 295	Special Project-Theater	1-6
THTR 299	Theater Internship	1-6

Electives 3

Suggested Sequence - For students matriculated before July 1, 2007 Humanities Program A.A. Degree Speech/Theater Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	SPCH 115	3
Humanities	3	Mathematics	3-4
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	General Education	12
Humanities	3	Elective	3
Science	3-4		15
General Education	6	Total Credits for Degree	60-62
	15-16		

Humanities Program A.A. Degree

Women's Studies Option

This option is designed for students interested in women's issues, concerns and experiences across disciplines and in a global context. Women's roles in – and contributions to – history, literature, culture, and science will also be examined. Students choosing this option may transfer to a four-year college where Women's Studies is offered as a major or minor or paired with another discipline such as Literature, History, Psychology or Sociology. Knowledge of Women's Studies is an asset for students choosing careers in teaching, counseling, research, social work, human services, and other areas.

Graduates of this program will be able to:

- ✓ Discuss and appreciate diverse historical, scientific, economic, literary, artistic, cultural, and social perspectives of women
- ✓ Describe and express awareness of the conditions of women through written and verbal communication in classroom and community settings
- ✓ Examine issues, perspectives, methodologies and research in the interdisciplinary, multicultural, academic field of Women's Studies
- ✓ Discuss the intersection of identities such as gender, race, class, sexuality, ability and age
- ✓ Describe how the word "feminism" has been used and misused from historical to contemporary times

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 3 credits

Code	Course	Credits
HUMN 129	Issues in Women's Studies	3

Career Studies – 9 credits from among the following:

ENGL 128	Writing from the Female Experience	3
ENGL 175	Woman as Author	3
HIST 125	Women's History Survey: Experiences, Contributions and Debates	3
HUMN 230	Women and Science	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007

Humanities Program A.A. Degree Women's Studies Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
HUMN 129	3	Career Studies	3
COMP 129	3	ENGL 122	3
ENGL 121	3	Mathematics	3-4
Humanities	3	SPCH 115	3
Social Sciences	3	Social Sciences	3
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Humanities	3	General Education	9
Science	3-4	Elective	3
General Education	6		15
	15-16	Total Credits for Degree	60-62

Human Services Program A.A.S. Degree

Generalist

Human Services is a creative, innovative field for persons who work with, and give support to, other human beings. Students learn through a combination of classroom work and on-site performances, spending time in human services facilities. In addition to time spent in the classroom, students spend 285 hours in hospitals, mental health centers, social service agencies, substance-abuse counseling sites and other facilities. Graduates take positions as mental health workers, drug and alcohol service workers, psychiatric technicians, social service interviewers, community organizers and personnel counselors. While this program is not designed for transfer, many graduates may make smooth transitions to Bachelor's programs by working with their counselors and the members of the Human Services team.

Graduates of this program will be able to:

- ✓ Serve Human Services clients or carry out other supportive human service agency functions as a paraprofessional
- ✓ Explain the philosophical and knowledge base of the Human Services program
- ✓ Display a strong knowledge base and practical experience in delivery of human services to clients
- ✓ Explain the historical development of human services
- ✓ Discuss human systems - individual, group, family, organization, community, society - and their interaction
- ✓ Understand the conditions that promote or limit optimal human functioning
- ✓ Analyze a service problem, select appropriate strategies, services, or interventions, and evaluate outcomes
- ✓ Manage information and utilize data to support client services
- ✓ Intervene appropriately in human services matters
- ✓ Manage the service delivery system
- ✓ Apply the major human service ethics, values and attitudes
- ✓ Evaluate their own values, personalities, reaction patterns, interpersonal styles, and limitations

Requirements

General Education - 20 credits as described on page 47.

Career Studies - 33 credits as follows:

Code	Course	Credits
PSYC 105	Introduction to Psychology I	3
PSYC 106	Introduction to Psychology II	3
PSYC 111	Introduction to Human Services	3
PSYC 208	Life Span Development	3
PSYC 209	Theories of Personality	3
	OR	
PSYC 245	Introduction to Quantitative Methods	3
PSYC 212	Community Agencies and Human Services Systems	3
PSYC 215	Counseling Techniques	3
PSYC 216	Abnormal Psychology	3
PSYC 235	Group Dynamics	3
PSYC 285	Human Services Practicum	3
CRJU 126	Introduction to Public Administration	3
	OR	
CRJU 127	Introduction to Corrections	3

Electives 7

Social Services Certificate of Achievement

The Social Services Certificate is designed for students interested in pursuing a career in social services. Those earning a certificate will develop skills that will enable them to be competent and effective entry level social service workers. Department of Human Services (DHS) employees who complete recognized DHS training modules in one of the areas of: child protective services; mental health; or developmental disabilities will be given the opportunity to convert their training into academic credit and complete an academic certificate with additional course work.

Requirements

General Education - 12 credits as follows:

Code	Course	Credits
ENGL 121	English Composition	3
PSYC 105	Introduction to Psychology I	3
SOCI 101	Principles of Sociology	3
SPCH 115	Effective Speech	3

Career Studies - 15 credits as follows:

PSYC 215	Counseling Techniques	3
PSYC 295	Special Project - Psychology	6
SOCI 295	Special Project - Sociology	6

Total Credits 27

Suggested Sequence - For students matriculated before July 1, 2007 Human Services Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PSYC 105	3	PSYC 106	3
PSYC 111	3	PSYC 212	3
ENGL 121	3	PSYC 215	3
SPCH 115	3	Humanities	3
SOCI 101 or SOCI 215	3	PSYC 208	3
	15		15
SEMESTER 3		SEMESTER 4	
General Education	3	PSYC 209 or PSYC 245	3
PSYC 216	3	PSYC 285	3
PSYC 235	3	General Education	3
Math or Science or Technology	3-4	Elective	7
CRJU 126 or CRJU 127	3		16
	15-16	Total Credits for Degree	61-62

Human Services Program A.A.S Degree

Addiction Studies Option

Human Services is a creative, innovative field for persons who work with, and give support to, other human beings who are experiencing problems with addiction. Students may be able to earn college credits and certification credits simultaneously. The courses are in sequence to provide a comprehensive approach to addiction studies. In addition to time spent in the classroom, students spend 285 hours in hospitals, mental health centers, social service agencies, substance-abuse counseling sites and other facilities. Graduates take positions as mental health workers, drug and alcohol workers, psychiatric technicians, social service interviewers, community organizers and personnel counselors. While this program is not designed for transfer, many graduates may make smooth transitions to Bachelor's programs by working with their counselors and the members of the Human Services team.

Graduates of this program will be able to:

- ✓ Serve Human Services clients or carry out other supportive human service agency functions as a paraprofessional
- ✓ Explain the philosophical and knowledge base of the Human Services program
- ✓ Display a strong knowledge base and practical experience in delivery of human services to clients
- ✓ Explain the historical development of human services
- ✓ Discuss human systems - individual, group, family, organization, community, society - and their interaction
- ✓ Understand the conditions that promote or limit optimal human functioning
- ✓ Analyze a service problem, select appropriate strategies, services, or interventions, and evaluate outcomes
- ✓ Manage information and utilize data to support client services
- ✓ Intervene appropriately in human services matters
- ✓ Manage the service delivery system
- ✓ Apply the major human service ethics, values and attitudes
- ✓ Evaluate their own values, personalities, reaction patterns, interpersonal styles, and limitations

- ✓ Utilize integrationist skills based on the Human Services model
- ✓ Apply interventions with individual clients and therapeutic groups as it relates to drug and alcohol addictions
- ✓ Demonstrate an understanding of cultural/ethnic factors of different populations
- ✓ Collect a variety of informational resources and synthesize them for use in projects

Requirements

General Education- 20 credits as described on page 47.

Career Studies - 36 credits as follows:

Code	Course	Credits
PSYC 106	Introduction to Psychology II	3
PSYC 111	Introduction to Human Services	3
PSYC 125	Introduction to Addiction Studies	3
PSYC 127	Evaluation and Diagnosis of the Addicted Client	3
PSYC 212	Community Agencies and Human Services Systems	3
PSYC 215	Counseling Techniques	3
PSYC 216	Abnormal Psychology	3
PSYC 221	Individual Counseling for the Addicted Client	3
PSYC 222	Social, Cultural and Familial Aspects of Addiction	3
PSYC 235	Group Dynamics	3
PSYC 285	Human Services Practicum	3
SOCI 105	Intercultural Communication	3
Electives		4

Students who complete the suggested course sequence for the addictions option A.A.S. will have fulfilled the academic competencies of the CADC credential awarded by the state of New Jersey. Brookdale does not provide supervised Praxis hours for a CADC, nor does Brookdale award the CADC credential itself. Students may apply with the NJ Board of Consumer Affairs to have their BCC credits count for the totality of the CADC coursework requirements. For information regarding CADC certification, go to the following website:

<http://www.state.nj.us/lps/ca/medical/alcdrug.htm>

Suggested Sequence – For students matriculated before July 1, 2007

Human Services Program A.A.S. Degree

Addiction Studies Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PSYC 105	3	General Education	3
PSYC 111	3	PSYC 106	3
PSYC 125	3	PSYC 127	3
ENGL 121	3	PSYC 215	3
General Education	3	SPCH 115	3
	15		15
SEMESTER 3		SEMESTER 4	
Math/Science or Information Technology	3-4	PSYC 222	3
PSYC 216	3	PSYC 285	3
PSYC 221	3	SOCI 105	3
PSYC 212	3	Humanities	3
PSYC 235	3	Electives	4
	15-16		16
		Total Credits for Degree	61-62

Human Services Program A.A.S Degree

Corrections Option

This option is designed to provide students in the Human Services field basic skills for helping and empowering individuals who are experiencing problems related to the law and corrections. Particular emphasis is placed on preparing clients for successful reintegration into society as a functional, self-sufficient, law abiding citizen. Students are required to learn the fundamental principles and skills of human service work to foster personal empowerment and improve offenders' social skills. Students are required to learn how to assess individual needs, assists with the development of client goals and plans, make appropriate referrals to services available in the community. Students are required to take the basic, core courses in human services, so that they attain the knowledge, skills, attitudes, and values of a human services generalist. Their education will come from class work and on-site experiences (i.e., volunteer work, internships). Students are required to complete 225 hours of field work while successfully completing their courses. While this option is not designed for transfer, many of our students make smooth transitions to four-year colleges and universities. Successful completion of the Human Services Corrections Option involves that students learn to efficiently and effectively work within the corrections system.

Graduates of this program will be able to:

- ✓ Serve clients as a paraprofessional
- ✓ Explain the philosophical knowledge base of Human Services work
- ✓ Display strong knowledge and practical experience of human services delivery
- ✓ Explain the historical development of human services
- ✓ Discuss human systems and their interaction
- ✓ Understand the conditions that promote or limit optimal human functioning
- ✓ Analyze a service problem, select appropriate strategies, services, or interventions, and evaluate outcomes
- ✓ Manage information
- ✓ Apply major human services ethics, values and attitudes
- ✓ Evaluate their own values, personalities, reaction patterns, interpersonal styles and limitations

Requirements

General Education- 20 credits as described on page 47.

Career Studies - 30 credits as follows:

Code	Course	Credits
PSYC 106	Introduction to Psychology II	3
PSYC 111	Introduction to Human Services	3
PSYC 212	Community Agencies and Human Services Systems	3
PSYC 215	Counseling Techniques	3
PSYC 216	Abnormal Psychology	3
PSYC 235	Group Dynamics	3
PSYC 285	Human Services Practicum	3
CRJU 101	Introduction to the Criminal Justice System	3
CRJU 127	Introduction to Corrections	3
CRJU 205	Community Corrections	3

Career Studies - 6 credits from the following:

CRJU 245	Delinquency and Juvenile Justice	3
PSYC 125	Introduction to Addiction Studies	3
PSYC 127	Evaluation and Diagnosis of the Addicted Client	3
PSYC 221	Individual Counseling for the Addicted Client	3
PSYC 222	Social, Cultural, and Familial Aspects of Addiction	3
SOCI 101	Principles of Sociology	3
SOCI 105	Intercultural Communications	3
SOCI 202	Analysis of Social Problems	3

Electives 4

Suggested Sequence - For students matriculated before July 1, 2007

Human Services Program A.A.S. Degree Corrections Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PSYC 105	3	General Education	3
PSYC 111	3	PSYC 106	3
CRJU 101	3	CRJU 127	3
ENGL 121	3	PSYC 215	3
General Education	3	SPCH 115	3
	15		15
SEMESTER 3		SEMESTER 4	
Math/Science or Information Technology	3-4	Career Studies	6
PSYC 216	3	PSYC 285	3
CRJU 205	3	Humanities	3
PSYC 212	3	Electives	4
PSYC 235	3		16
	15-16		
Total Credits for Degree			61-62

Interior Design Program A.A.S. Degree

This program provides intensive, job-focused education in order to prepare students for entry-level positions in Interior Design. Career. Career studies courses will provide training in the following categories: manual and computer-aided drafting skills, two- and three-dimensional visualization skills, space planning, universal design concepts, lighting and building systems, codes, historical developments in the built environment, trade information and business practices.

Graduates of this program will be able to:

- ✓ Create interior design drawings using both manual and computer-aided drafting techniques
- ✓ Create interior design documents necessary for the completion of a design project
- ✓ Demonstrate appropriate selection of interior finishes and furnishings based on performance criteria and applicable codes and standards
- ✓ Demonstrate the appropriate application of codes, regulations, and standards that pertain to interior environments
- ✓ Apply elements and principles of design
- ✓ Apply universal design principles to their design solutions
- ✓ Understand the historical development of architecture, furniture and interiors
- ✓ Discuss lighting effects and applications as they apply to interior environments
- ✓ Explain the relationship between human behavior and the built environment
- ✓ Discuss the role of ethics in professional practice

Requirements

General Education – 20 credits as described on page 47. The following General Education courses, while not required, are strongly recommended.

Code	Course	Credits
ARCH 121	People and Their Environment	3
ARTH 107	History of Art: Renaissance through Contemporary	3
ARTS 122	Color Theory	3
*COMP 129	Computer Literacy	3
ENGL 121	English Composition: The Writing Process	3
SPCH 115	Effective Speech Social Science	3

**BUSI 165 may be substituted with approval from your counselor*

Career Studies – 50 credits as follows:

ARCH 131	Introduction to Design I	4
ARCH 151	Architectural Construction I	3
ARTH 201	History of Western Architecture	3
INTD 150	Design Elements for Interior Environments	3
INTD 151	Introduction to Interior Design	3
INTD 152	Drafting and Graphic Presentation for Interior Design I	3
INTD 153	Drafting and Graphic Presentation for Interior Design II	3
INTD 155	Illustrative Sketching for Interior Environments	3

INTD 161	History of Furniture and Interiors I	3
INTD 162	History of Furniture and Interiors II	3
INTD 245	Codes and Standards for Interiors	1
INTD 251	CAD for Interior Design I	3
INTD 253	Interior Design Studio I	3
INTD 254	Interior Design Studio II	3
INTD 256	Lighting and Building Systems	3
INTD 257	Textiles and Materials for Interior Design	3
INTD 258	Trade Information and Business Practices	3

Career Studies – Choose 3 credits from among the following:

ARCH 152	Architectural Construction II	3
INTD 225	3-D Architectural CAD	3
INTD 299	Internship	1-3

PLEASE NOTE: Students wishing to sit for the NCIDQ exam will need a total of 60 credits in career studies in addition to their work experience. Successful completion of the NCIDQ exam is required for interior design certification in the State of New Jersey.

Suggested Sequence – For students matriculated before July 1, 2007 Interior Design Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
INTD 150	3	INTD 151	3
ENGL 121	3	INTD 153	3
INTD 152	3	INTD155	3
INTD 161	3	INTD 162	3
ARTH 201	3	INTD 245	1
	15	INTD 251	3
			16
SUMMER			
GEN ED	3		
ARTS 122	3		
*COMP 129	3		
SPCH 115	3		
	12		
SEMESTER 3		SEMESTER 4	
ARCH 131	4	ARTH 107	3
ARCH 151	3	INTD 254	3
INTD 253	3	INTD 256	3
INTD 257	3	INTD 258	3
Social Science	3	Career Studies	3
	16		15
		Total Credits for Degree	74

**BUSI 165 may be substituted with approval from your counselor*

Marketing Program A.A.S. Degree

Students who wish to pursue a career in a marketing-related field such as sales, research analyst, retail buying, merchandise distribution, purchasing, advertising and management training should choose this program. While this program is not specifically designed for transfer, many courses prove to be transferable. Students should work with counselors to satisfy requirements for major career areas.

Graduates of this program will be able to:

- ✓ Identify marketing mix variables and environments
- ✓ Recognize problems and design research projects aimed at solution
- ✓ Develop promotional strategy within its social, ethical, and regulatory confines
- ✓ Evaluate the merchandising practices of differing retail establishments, analyze both layout and display strategies
- ✓ Design presentation applying accepted sales strategies
- ✓ Differentiate and analyze marketing strategies, appraising the success or failure of such strategies, and articulate conclusion

Requirements

General Education – 20 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
SPCH 115	Effective Speech	3

Career Studies – 21-22 credits as follows:

COMP 129	Computer Literacy OR	3
BUSI 165	Computer Applications in Business OR	3
BTEC 116	Microsoft Office	4
MRKT 101	Introduction to Marketing	3
MRKT 105	Advertising	3
MRKT 111	Fundamentals of Retailing	3
MRKT 145	Salesmanship	3
*MRKT 202	Marketing in Contemporary Society	3
*MRKT 266	Internet Marketing	3

**Courses offered only during the Spring term*

Career Studies – 9-10 credits from among the following:

BUSI 105	Introduction to Business	3
BUSI 205	Principles of Management	3
BUSI 221	Business Law I	3
COMP 105	Introduction to the Internet	1
ECON 105	Macro Economics	3
ECON 106	Micro Economics	3
ECON 225	Business Statistics	3
FASH 121	Fashion Merchandising	3
FASH 213	Buying	3
FASH 224	Case Studies and Executive Development in Fashion Merchandising	3

Electives 9-10

At least 60 credits are required to graduate.

Suggested Sequence – For students matriculated before July 1, 2007 Marketing Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
MRKT 101	3	MRKT 111	3
ENGL 121	3	MRKT 145	3
Social Science	3	SPCH 115	3
General Education	3	Humanities	3
Elective	3	BUSI 165 or COMP 129 OR BTEC 116	3-4
	15		15-16
SEMESTER 3		SEMESTER 4	
MRKT 105	3	*MRKT 202	3
Career Studies	6	*MRKT 266	3
Math or Science or Technology	3-4	Career Studies	3
Elective	3	General Education	3
	15-16	Elective	3
			15
		Total Credits for Degree	60-62

**Courses offered only during the Spring term*

Mathematics/ Science Program A.S. Degree

The options of the Math/Science Program are all designed for transfer to four-year colleges or specialized medical training facilities. Because requirements of such schools vary, students should identify transfer schools as early as possible, and work closely with your counselor to insure selecting appropriate courses for smooth transfer.

Biology Option

Students wishing to transfer to biology or pre-medical studies should choose this option which combines biology and related scientific studies with liberal arts requirements. Bachelor's degree graduates enter medical, veterinary, dental or graduate schools or take positions as biologists, laboratory technicians and researchers.

Graduates of this program will be able to:

- ✓ Identify and interpret basic biological concepts
- ✓ Employ the scientific method of inquiry to gather and use information for the express purposes of critical thinking, information analysis, and problem solving
- ✓ Use appropriate technology

Requirements

General Education - 30 credits as described on page 47.

*Career Studies - 18 credits as follows:

Code	Course	Credits
BIOL 101	General Biology I	4
BIOL 102	General Biology II	4
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5

*Career Studies - 8 credits from among the following:

BIOL 205	Invertebrate Zoology	4
BIOL 206	Vertebrate Zoology	4
BIOL 207	Marine Biology	4
BIOL 213	Microbiology	4
BIOL 215	Cell and Molecular Biology	4

Electives 4

*All career studies courses must be passed with a grade of "C" or higher.

Suggested Sequence - For students matriculated before July 1, 2007 Mathematics/Science Program A.S. Degree Biology Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
BIOL 101	4	BIOL 102	4
CHEM 101	5	CHEM 102	5
ENGL 121	3	ENGL 122	3
Social Sciences	3	Humanities	3
	15		15
SEMESTER 3		SEMESTER 4	
*Career Studies	4	*Career Studies	4
CHEM 203	5	CHEM 204	5
Social Sciences	3	Humanities	3
Math OR Technology	3	Elective	4
	15		16
		Total Credits for Degree	61

*Take one of the following Career Studies courses:
 BIOL 205, offered in Fall semester only.
 BIOL 206, offered in Spring semester only.
 BIOL 207, offered in Summer I and III only.
 BIOL 213
 BIOL 215

Mathematics/ Science Program A.S Degree Chemistry Option

Students who wish to pursue four-year degrees in chemistry or medicine or to enter pharmacy degree programs should choose this option which combines chemistry and related science courses with liberal arts requirements. Bachelor's degree graduates may become chemists, chemical engineers, laboratory technicians and pharmacists.

Graduates of this program will be able to:

- ✓ Explain basic chemical concepts and theories
- ✓ Apply chemical concepts, mathematical techniques and critical thinking skills to solve chemical problems both independently and in a group setting which emulates a career environment
- ✓ Utilize instruments/computers to gather and analyze data and present findings

Requirements

General Education – 30 credits as described on page 47 including the following:

Code	Course	Credits
MATH 171	Calculus I	4
PHYS 121	General Physics I	4

Since these courses are prerequisites for the Career Studies courses MATH 172 and PHYS 122, they are recommended as the MATH and SCIENCE general education courses.

*Career Studies – 28 credits as follows:

CHEM 101	General Chemistry I	5
CHEM 102	General Chemistry II	5
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
MATH 172	Calculus II	4
PHYS 122	General Physics II	4

*All career studies courses must be passed with a grade of "C" or higher.

Electives	4
-----------	---

Suggested Sequence – For students matriculated before July 1, 2007 Mathematics/Science Program A.S. Degree Chemistry Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and *prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
CHEM 101	5	CHEM 102	5
MATH 171*	4	MATH 172	4
ENGL 121	3	ENGL 122	3
Humanities	3	Social Sciences	3
	15		15
SEMESTER 3		SEMESTER 4	
CHEM 203	5	CHEM 204	5
PHYS 121	4	PHYS 122	4
Humanities	3	Social Sciences	3
Science OR Technology	4	Elective	4
	16		16
		Total Credits for Degree	62

*MATH 151, MATH 152 and/or MATH 153 may be required if prerequisites for MATH 171 are not satisfied.

Mathematics/ Science Program A.S Degree Environmental and Earth Sciences Option

This option is designed for students who are transferring to a four-year college majoring in environmental sciences, ecology, natural resource studies, marine sciences, geology, or environmental engineering. Bachelor's degree graduates may become researchers, environmental scientists, environmental engineers, marine biologists, or natural resource managers.

Graduates of this program will be able to:

- ✓ Utilize biological, earth, and physical science knowledge to comprehend environmental issues on a local, regional, and global scale
- ✓ Understand the role that humans play in influencing the natural world
- ✓ Analyze the social and economic aspects of current environmental issues
- ✓ Employ the scientific method of inquiry to develop critical thinking skills and qualitative and quantitative analytical proficiency

Requirements

General Education – 30 credits as described on page 47. The following general education courses while not required are recommended:

Code	Course	Credits
BIOL 101*	General Biology	4
COMP 129	Computer Literacy	3
MATH 151	Intermediate Algebra	4
or		
MATH 152	College Algebra & Trigonometry	4

*Since this course is a prerequisite for career studies courses BIOL 102 and BIOL 106, it is recommended as the Science (SC) general education course.

Career Studies – 18 credits as follows:

BIOL 102	General Biology II	4
BIOL 106	Field Biology and Ecology	4
ENVR 105	Environmental Studies	3
MATH 131	Statistics	4
POLI 228	Environmental Politics and Policy	3

Career Studies – 12-18 credits from among the following

BIOL 205	Invertebrate Zoology (Offered in Fall term only)	4
BIOL 206	Vertebrate Zoology (Offered in Spring term only)	4
BIOL 207	Marine Biology (Offered in Summer I and II only)	4
CHEM 101	General Chemistry I	5
CHEM 102	General Chemistry II	5
CHEM 117	Introduction to Marine Chemistry (Only offered in Summer I)	4

ENVR 101	Physical Geology	4
ENVR 102	Historical Geology (Offered in Spring only)	4
ENVR 106	Environmental Geology (Offered in Spring only)	3
ENVR 111	Oceanography	4
ENVR 121	Physical Geography	3
ENVR 125	Meteorology	3
ENVR 126	Introduction to Geographical Information Systems	3
ENVR 205	Introduction to Coastal Geology (Offered in Summer II only)	4
ENVR 212	Coastal Zone Management (Offered in Spring only)	4
MATH 153	Precalculus	4
MATH 171	Calculus I	4
MATH 172	Calculus II	4
PHYS 111	General Physics I (non-calculus)	4
PHYS 112	General Physics II (non-calculus)	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4

Suggested Sequence – Mathematics/Science Program A.S. Degree Environmental and Earth Sciences Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ENVR 105	3	BIOL 102	4
BIOL 101	4	MATH 131	4
ENGL 121	3	Career Studies	3-4
COMP 129	3	Social Sciences	3
Humanities	3		14-15
	16		
SEMESTER 3		SEMESTER 4	
BIOL 106	4	POLI 228	3
ENGL 122**	3	General Education	4
MATH 151 or MATH 152	4	Career Studies	6-9
Career Studies	3-5		13-16
Social Sciences	3		
	17-19		
Total Credits for Degree			60-66

**The section of ENGL 122 taught at the Sandy Hook Field Station is recommended ("English at the Beach") due to the course's environmental theme.

Mathematics/ Science Program A.S Degree

Mathematics Option

Students wishing, upon acquisition of a Bachelor's degree, to enter such positions as mathematician, statistician, stock or financial analyst, economist, or researcher should choose this transfer option which combines mathematics with liberal studies.

Graduates of this program will be able to:

- ✓ Define and explain basic concepts and theories of differential and integral calculus
- ✓ Identify strategies for solving application problems using derivatives and integrals, and correctly solve these problems
- ✓ Apply the appropriate mathematical skills to find derivatives and integrals
- ✓ Communicate about mathematics problems, explain methods to solve the problems, and interpret results in the context of the problems
- ✓ Use mathematical software to apply concepts and solve problems

Requirements

General Education – 30 credits as described on page 47. The following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
MATH 131	Statistics	4

**Career Studies – 20 or 22 credits as follows:

MATH 171	Calculus I	4
MATH 172	Calculus II	4
MATH 273	Calculus III	4
*PHYS 121	General Physics I	4
*PHYS 122	General Physics II	4

**The above Physics sequence is highly recommended. However, subject to counselor approval, students may substitute the BIOL 101/102 sequence or the CHEM 101/102 sequence.*

**Career Studies – 3 or 4 credits from among the following:

MATH 226	Discrete Mathematics	4
MATH 274	Elementary Differential Equations	4
MATH 285	Linear Algebra	3

Electives – 4 to 7 credits. One of the following courses is highly recommended, or a course may be selected from Career Studies above:

COMP 137	Programming for Engineers	3
	OR	
COMP 132	Structured Programming Using C++	3
	OR	
COMP 171	Programming I	3

A total of 60 credits is needed to graduate.

***All career studies courses must be passed with a grade of "C" or higher.*

Suggested Sequence – For students matriculated before July 1, 2007 Mathematics/Science Program A.S. Degree Mathematics Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and *prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
MATH 171*	4	MATH 172	4
ENGL 121	3	**PHYS 121	4
Humanities	3	ENGL 122	3
Math or Science or Technology	4	Math or Science or Technology	3-4
	14		14-15
SEMESTER 3		SEMESTER 4	
MATH 273	4	***Career Studies	3-4
PHYS 122	4	Social Sciences	3
Humanities	3	General Education	4
Social Sciences	3	Elective	4
Elective	3		14-15
	17	Total Credits for Degree	60-61

**MATH 151, MATH 152 and/or MATH 153 may be required if prerequisites for MATH 171 are not satisfied.*

***The Physics sequence is highly recommended. However, subject to counselor approval, students may substitute the BIOL 101/102 sequence or the CHEM 101/102 sequence.*

****Take one of the following courses: MATH 274 (offered in Spring and Summer 2 terms), MATH 226 (offered only in the Summer 2 term) or MATH 285 (offered only in Summer 2 term). It is strongly advised that students taking MATH 274 have had Physics.*

Mathematics/ Science Program A.S Degree Physics Option

This transfer option is designed for the student who wishes to attain a Bachelor's degree in physics and become a physicist, engineer, or researcher. It combines study of physics and related sciences with liberal arts courses necessary for transfer.

Graduates of this program will be able to:

- ✓ Communicate the basic concepts of experimental and theoretical physics
- ✓ Apply the scientific method, fundamental principles of physics and mathematical techniques to solve problems
- ✓ Use instruments/computers to gather and analyze data and present findings

Requirements

General Education - 30 credits as described on page 47.

*Career Studies - 24 credits as follows:

Code	Course	Credits
MATH 171	Calculus I	4
MATH 172	Calculus II	4
MATH 273	Calculus III	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4
PHYS 223	General Physics III	4

Electives 6

**All career studies courses must be passed with a grade of "C" or higher.*

Suggested Sequence – For students matriculated before July 1, 2007 Mathematics/Science Program A.S. Degree Physics Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
MATH 171*	4	MATH 172	4
Math OR Science or Technologies	4	PHYS 121	4
ENGL 121	3	ENGL 122	3
Humanities	<u>3</u>	Humanities	<u>3</u>
	14		14
SEMESTER 3		SEMESTER 4	
MATH 273	4	PHYS 223	4
PHYS 122	4	Social Sciences	3
Social Sciences	3	General Education	4
Math or Science or Technology	<u>4</u>	Electives	6
	15		17
		Total Credits for Degree	60

**MATH 151, MATH 152 and/or MATH 153 may be required if prerequisites for MATH 171 are not satisfied.*

Mathematics/ Science Program A.S Degree Science Option

Students wishing a concentration in science combined with liberal studies needed for transfer to four-year colleges or special professional institutions may choose this option. This option may fulfill the needs of students planning to major in Marine Science, Geology, or Environmental Science at a four-year college. The flexibility offered by this option allows for differences in entrance and transferability requirements of these schools. To maximize transfer credits, students must be guided by the transfer institution's requirements and work closely with their counselor in order to select courses wisely.

Graduates of this program will be able to:

- ✓ Employ the scientific method of inquiry to gather and use information for the express purposes of critical thinking, information analysis and problem solving
- ✓ Identify and interpret basic scientific concepts
- ✓ Use appropriate technology

Requirements

General Education – 30 credits as described on page 47.

*Career Studies – 8 credits as follows:

Code	Course	Credits
MATH 152	College Algebra and Trigonometry	4
MATH 153	Pre-Calculus Mathematics	4

*Career Studies – 24–26 credits from among the following. The selected courses must include at least one two-semester sequence of courses chosen from BIOL 101/102, BIOL 111/112, CHEM 101/102, ENVR 101/102, MATH 171/172, PHYS 111/112, PHYS 121/122. (The Math/Science Division may approve another sequence based on the requirements of the transfer institution.) It is suggested that the student complete both courses in any two-semester sequence begun. Consult with your counselor or Math/Science Division Chairperson.

BIOL 101	General Biology I	4
BIOL 102	General Biology II	4
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
BIOL 205	Invertebrate Zoology	4
BIOL 206	Vertebrate Zoology	4
BIOL 207	Marine Biology	4
BIOL 213	Microbiology	4
BIOL 215	Cell and Molecular Biology	4

CHEM 101	General Chemistry I	5
CHEM 102	General Chemistry II	5
CHEM 117	Introduction to Marine Chemistry	4
CHEM 136	Introduction to Inorganic, Organic and Biological Chemistry	4
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
CHEM 235	Fundamentals of Organic and Biological Chemistry	5
CHEM 236	Biochemistry	5
ENVR 101	Physical Geology	4
ENVR 102	Historical Geology	4
ENVR 205	Introduction to Coastal Geology	4
MATH 171	Calculus I	4
MATH 172	Calculus II	4
ENVR 111	Oceanography	4
ENVR 212	Coastal Zone Management	4
PHYS 111	General Physics I (non-calculus)	4
PHYS 112	General Physics II (non-calculus)	4
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4
PHYS 223	General Physics III	4

*All career studies courses must be passed with a grade of "C" or higher.

Suggested Sequence – For students matriculated before July 1, 2007 Mathematics/Science Program A.S. Degree Science Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	4	Career Studies	4-5
**MATH 152	4	MATH 153	4
ENGL 121	3	ENGL 122	3
Humanities	3	Humanities	3
Social Sciences	3	Social Sciences	3
	17		17-18
SEMESTER 3		SEMESTER 4	
*Career Studies	8-10	*Career Studies	8-10
Math OR Science OR Technology	3-4	Math OR Science OR Technology	3-4
General Education	3	General Education	3
	14-17		14-17
		Total Credits for Degree	62-64

*Take one of the following courses. Overall, the selected courses must include at least one two-semester sequence of courses as indicated above.

BIOL 101	BIOL 215	CHEM 235	MATH 171
BIOL 102	CHEM 101	CHEM 236	MATH 172
BIOL 111	CHEM 102	ENVR 101	PHYS 111
BIOL 112	CHEM 117	ENVR 102	PHYS 112
BIOL 205	CHEM 136	ENVR 205	PHYS 121
BIOL 206	CHEM 203	ENVR 111	PHYS 122
BIOL 207	CHEM 204	ENVR 212	PHYS 223
BIOL 213			

**MATH 151 may be required if prerequisites to MATH 152 are not satisfied.

Network Engineering Technology and Administration A.A.S.

Computer LAN/WAN Technician CCNA Option

The network engineering technology and administration program prepares students as LAN and WAN network engineers. Successful completion of the program provides students with the essential skills of network engineering, including network design, installation, configuration, maintenance, optimization, and troubleshooting, utilizing a variety of network operating systems and hardware platforms and protocols. Upon completion of this program, students are prepared for numerous computer related certification exams.

Graduates of this program will be able to:

- ✓ Analyze the requirements that must be satisfied to address problems or opportunities faced by organizations or individuals
- ✓ Apply current technical concepts and practices in the core information technologies
- ✓ Design effective and usable IT-based solutions and integrate them into the user environment
- ✓ Assist in the creation of an effective project plan
- ✓ Evaluate current and emerging technologies and assess their applicability to address the user's needs
- ✓ Analyze the impact of technology on individuals, organizations and society, including ethical, legal, security and global policy issues
- ✓ Demonstrate an understanding of best practices and standards and their application
- ✓ Demonstrate independent critical thinking and problem solving skills
- ✓ Collaborate in teams to accomplish a common goal by integrating personal initiative and group cooperation
- ✓ Communicate effectively and efficiently with clients, users and peers both verbally and in writing, using appropriate terminology
- ✓ Recognize the need for continued learning throughout their career

Requirements

General Education – 20 Credits as described on page 47. The courses listed below while not required, are strongly recommended for students choosing this degree and program. The General Education courses listed below are provided as a reference, and indicate how the student may simultaneously meet his/her General Education requirements at Brookdale and the General University Requirements at A.B.E.T. certified four year colleges.

Code	Course	Credits
COMP 128	BASIC Programming	1
ECON 107	Economics	3
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
HIST 105	World Civilization I	3
MATH 151	Intermediate Algebra or	4
MATH 161	Technical Mathematics I Math, Science or Technology	3-4

Career Studies – 29-30 credits as follows:

COMP 132	Structured Programming Using C++ OR	3
COMP 137	Programming for Engineers	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 241	Introduction to Digital Circuits	4
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Computer Peripherals, Data Communications and Networking	4
NETW 110	Introduction to UNIX Network Administration	3
NETW 111	UNIX Network Administration II *Technical Elective	4 3 4

Specialty Networking courses –16 Credits

NETW 151	Router Internetwork/CCNA	8
NETW 152	VLAN's and WAN's/CCNA	8

While not required, most students will find ELEC 250 Optoelectronics very useful in this career.

*Technical Electives

NETW 105	Fundamentals of Telecomm	3
NETW 106	Intro to Networking	3
NETW 107	Intro to Security	3
NETW 125	Intro to Wireless	3
NETW 190	MCSE Installing, Configuring, and Admin Windows XP Professional	3
NETW 191	MCSE Managing and Maintaining, a Windows Server 2003 Environ	3
NETW 192	MCSE Implementing, Managing and Maintain a Windows Server 2003 Network Infrastructure	3
NETW 193	MCSE Planning and Maintaining Windows Server 2003 Network	3
NETW 194	MCSE Planning, Implementing, and Maintaining a Windows Server 2003 Active Directory	3
NETW 195	Designing Security for Windows Server 2003 Network	3
NETW 196	Designing a Windows Server 2003 Active Directory	3
NETW 215	Advanced Routing/CCNP	4
NETW 225	Remote Access/CCNP	4

Suggested Sequence – For students matriculated before July 1, 2007 Network Engineering Technology and Administration A.A.S. Computer LAN/WAN Technician CCNA Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
MATH 151 or 161	4	NETW 151	8
ELEC 103	4	ELEC 241	4
Math, Science OR Technology	3-4	ENGL 122	3
HIST 105	3	ECON 107	3
ENGL 121	3		18
	17-18		
SEMESTER 3		SEMESTER 4	
NETW 152	8	ELEC 244	4
ELEC 243	4	Technical Elective	3-4
COMP 128	1	COMP 137 or COMP 132	3
NETW 110	3	NETW 111	4
	16		14-15
		Total Credits for Degree	65-67

NOTE: Students may find it advisable to take some of the General Education courses during the summer. After the Spring term of the first year, students may be ready to begin taking the Microsoft MCSE Certification Exams. After the Spring term of the second year, students may be ready to take the A+ and Network+ certification exams.

Network Engineering Technology and Administration A.A.S.

Network Administration MCSE Option

The network engineering technology and administration program prepares students as LAN and WAN network engineers and administrators. Successful completion of the program provides students with the essential skills of network engineering, including network design, installation, configuration, maintenance, optimization, and troubleshooting, utilizing a variety of network operating systems and hardware platforms and protocols. Upon completion of this program, students are prepared for numerous computer related certification exams.

Graduates of this program will be able to:

- ✓ Apply current technical concepts and practices in the core information technologies
- ✓ Analyze the requirements that must be satisfied to address problems or opportunities faced by organizations or individuals
- ✓ Design effective and usable IT-based solutions and integrate them into the user environment
- ✓ Assist in the creation of an effective project plan
- ✓ Evaluate current and emerging technologies and assess their applicability to address the users' needs
- ✓ Analyze the impact of technology on individuals, organizations and society, including ethical, legal, security and global policy issues
- ✓ Demonstrate an understanding of best practices and standards and their application
- ✓ Demonstrate independent critical thinking and problem solving skills
- ✓ Collaborate in teams to accomplish a common goal by integrating personal initiative and group cooperation
- ✓ Communicate effectively and efficiently with clients, users and peers both verbally and in writing, using appropriate terminology
- ✓ Recognize the need for continued learning throughout their career

Requirements

General Education - 20 Credits as described on page 47. The courses listed below while not required, are strongly recommended for students choosing this degree and program. The General Education courses listed below are provided as a reference, and indicate how the student may simultaneously meet his/her General Education requirements at Brookdale and the General University Requirements at A.B.E.T. certified four year colleges.

Code	Course	Credits
COMP 128	BASIC Programming	1
ECON 107	Economics	3
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
HIST 105	World Civilization I	3
MATH 151	Intermediate Algebra OR	
MATH 161	Technical Mathematics I	4
	Math, Science or Technology	3-4
Career Studies - 29-30 credits as follows:		
COMP 132	Structured Programming Using C++ OR	3
COMP 137	Programming for Engineers	3
ELEC 103	Electrical Skills and Techniques	4
ELEC 241	Introduction to Digital Circuits	4
ELEC 243	Mini/Microcomputer Interfacing	4
ELEC 244	Computer Peripherals, Data Communications and Networking	4
NETW 110	Introduction to UNIX Network Administration	3
NETW 111	UNIX Network Administration II	4
	*Technical Elective	3-4

Specialty Networking courses - 15 Credits

NETW 190	MCSE Installing, Configuring, and Administering Windows XP Prof.	3
NETW 191	MCSE Managing and Maintaining a Windows Server 2003 Environ	3
NETW 192	MCSE Implementing, Managing and Maintain Windows Server 2003 Network Infrastructure	3
NETW 193	MCSE Planning and Maintaining a Windows Server 2003 Network	3
NETW 194	MCSE Planning, Implementing, and Maintaining a Windows Server 2003 Active Directory	3

While not required, most students will find ELEC 250 Optoelectronics very useful in this career.

*Technical Electives

NETW 105	Fundamentals of Telecomm	3
NETW 106	Intro to Networking	3
NETW 107	Intro to Security	3
NETW 125	Intro to Wireless	3
NETW 195	Designing Security for Windows Server 2003 Network	3
NETW 196	Designing a Windows Server 2003 Active Directory	3
NETW 215	Advanced Routing/CCNP	4
NETW 225	Remote Access/CCNP	4

Suggested Sequence - For students matriculated before July 1, 2007 Network Engineering Technology and Administration A.A.S. Network Administration MCSE Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
MATH 151 or 161	4	COMP 128	1
ELEC 103	4	NETW 190	3
Math, Science OR Technology	3-4	NETW 191	3
HIST 105	3	NETW 192	3
ENGL 121	3	ELEC 241	4
	17-18	ENGL 122	3
			17
SEMESTER 3		SEMESTER 4	
NETW 193	3	ELEC 244	4
NETW 194	3	Technical Elective	3-4
ELEC 243	4	COMP 137	3
NETW 110	3	NETW 111	4
ECON 107	3		14-15
	16	Total Credits for Degree	64-66

NOTE: Students may find it advisable to take some of the "General Education courses during the summer. After the spring term of the first year, students may be ready to begin taking the Microsoft MCSE Certification Exams. After the spring term of the second year, students may be ready to take the A+ and Network+ certification exams.

Nursing Program A.A.S. Degree

This program prepares the student for entry-level nursing positions in hospitals or comparable facilities. Clinical learning experiences are required for all courses. Upon completion of the program, students are eligible to sit for the National Council Licensing Exam for Registered Nursing. Successful completion of this examination results in licensure as a Registered Nurse (RN).

This program is accredited by the State Board of Nursing, Department of Law & Public Safety Division of Consumer Affairs, 124 Halsey Street, Sixth Floor, Newark, New Jersey 07101, (973) 504-6403, and by the National League for Nursing Accrediting Commission, 61 Broadway, New York, New York 10006-2701, (212) 363-5555, extension 153.

Specific admission criteria for the program are outlined on page 16 of this catalog. Separate policies exist for the Nursing Program, including grading. These policies can be found in the Nursing Student Handbook.

Graduates of this program will be able to:

- ✓ Practice holistic nursing using human needs as a framework
- ✓ Collect subjective and objective data using human needs as a framework
- ✓ Implement caring interventions in a variety of settings
- ✓ Utilize critical thinking as a framework for decision making in the delivery of care
- ✓ Communicate and collaborate effectively with clients, groups, and members of the health care team, using current technology
- ✓ Coordinate and direct care for diverse individuals and groups in various care settings
- ✓ Use teaching/learning principles to enhance wellness and promote health
- ✓ Synthesize knowledge from nursing and other disciplines to promote health
- ✓ Demonstrate a commitment to the profession of nursing and demonstrate accountability for professional practice

Requirements

General Education - 30 credits as follows

Code	Course	Credits
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
BIOL 213	Microbiology	4
ENGL 121	English Composition The Writing Process	3
ENGL 122	English Composition Writing and Research	3
PSYC 106	Introduction to Psychology II	3
PSYC 208	Life Span Development	3
ENGL 235	World Literature I	3
SOCI 101	Principles of Sociology	3
	OR	
ANTH 105	Cultural Anthropology	3

Career Studies - 39 credits as follows:

NURS 160	Introduction to Human Needs	3
NURS 161	Nursing and Human Needs I	7
NURS 162	Nursing and Human Needs II	8
NURS 163	Nursing and Human Needs in the Community	2
NURS 260	Issues in Nursing	2
NURS 261	Nursing and Human Needs III	8
NURS 262	Nursing and Human Needs IV	5
NURS 263	Managing and Coordinating Nursing Care	4

Electives 3

Advanced Placement in Nursing

Licensed practical nurses and individuals with previous clinical education may be eligible for advanced placement. Credits for the first two nursing courses (NURS 160 and NURS 161) are held in escrow until the student successfully completes the third nursing course (NURS 162). Reviews during the Summer I term prepare students to challenge the third nursing course (NURS 162). Successful completion of the NURS 162 challenge exam qualifies the student to enter the fourth nursing course (NURS 261). Applicants for advanced placement must have met all criteria as stated in the Nursing admission policy and have completed all program requirements in order to be eligible for graduation.

Bachelor's Through Brookdale

Students may pursue a Bachelor's degree in Nursing at Brookdale's **New Jersey Coastal Communi-versity**. For program details and transfer information, students should talk to their Student Development Specialist or call the Communi-versity at 732-280-2090.

Suggested Sequence - For students matriculated before July 1, 2007 Nursing A.A.S. Program Degree

The following sequence is an example of how this degree can be completed. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. Students must satisfy specific requirements in order to be admitted to this program. See Admission to Health Science Programs, page 16 in this catalog.

SEMESTER 1		SEMESTER 2	
NURS 160	3	NURS 161	7
BIOL 111	4	BIOL 112	4
PSYC 106	3	PSYC 208	3
ENGL 121	3	SOCI 101 or ANTH 105	3
	13		17
SEMESTER 3		SEMESTER 4	
NURS 162	8	NURS 260	2
NURS 163	2	NURS 261	8
BIOL 213	4	ENGL 122 or SPCH 115	3
	14		13
SEMESTER 5			
NURS 262	5		
NURS 263	4		
ENGL 235	3		
Elective	3		
	15		
		Total Credits for Degree	72

This degree may take longer than two years to complete. BIOL 111 may be taken either before admission to the Nursing program or concurrently with NURS 160. BIOL 111 must be completed before progression into NURS 161. The other general education courses may be taken before starting clinical courses or with the nursing courses.

Paralegal Studies Program A.A.S. Degree

The Paralegal Studies Program is approved by the American Bar Association, Standing Committee on Legal Assistants, 541 North Fairbanks Court, Chicago, IL 60611, (312) 988-5522, and is also an institutional member of the American Association for Paralegal Education (AAfPE), and maintains a chapter of the Lambda Epsilon Chi (LEX) Honor Society.

The purpose of this program is to train paralegals/legal assistants. It is not intended to be a program for training lawyers or legal administrators. A paralegal/legal assistant may not engage in the practice of law by accepting cases, giving legal advice, appearing in court, setting fees, etc. Engaging in the unauthorized practice of law is a criminal offense in the State of New Jersey.

The New Jersey State Bar Association defines a paralegal/ legal assistant as "an individual qualified through education, training or work experience who is retained by a lawyer, law office, governmental agency or other entity to perform, under the direction and supervision of a lawyer, specifically delegated substantive legal work, which for the most part requires sufficient knowledge of legal concepts and which, absent the paralegal or legal assistant, would be performed by a lawyer."

The Code of Ethics and Professional Responsibility of the National Association of Legal Assistants, Inc., in its Preamble, provides that it is the responsibility of every paralegal/legal assistant to adhere strictly to the accepted standards of legal ethics and to live by general principles of proper conduct. The performance of duties of the paralegal/legal assistant is governed by specific canons of ethics in order that justice will be served and the goals of the profession attained.

This program, while not designed for transfer, may transfer in part or in its entirety to four-year schools.

Graduates of this program will be able to:

- ✓ Draft legal documents
- ✓ Exhibit technology skills
- ✓ Perform computerized legal research
- ✓ Utilize legal software programs
- ✓ Utilize word processing to draft legal documents
- ✓ Demonstrate ethical/professional responsibility

Requirements

General Education - 20 credits, the distribution of which must include at least six credits in Communications (C), and at least three credits from each of Humanities (H), Math or Science (M) or (S), and Social Sciences (SS). All 20 credits must be from courses designated with a (●). Criminal Justice (CRJU) courses, and MUSI 115, COMP 129 may not be used to satisfy the 20-credit general education requirement.

Career Studies - 16 credits as follows:

Code	Course	Credits
PLGL 105	Introduction to Law and Litigation	3
PLGL 106	Legal Research and Writing	4
PLGL 145	Professional Standards in Ethics for Legal Assistants	3
PLGL 205**	Litigation Assistance Procedures	3
PLGL 210	Computer Applications in Law	3

Career Studies - 12 credits from among the following:

PLGL 125*	Real Property Transactions	3
PLGL 135*	Family Law	3
PLGL 215**	Criminal Procedure	3
PLGL 225	Wills, Estates and Probate	3
PLGL 226*	Corporate Law Procedure	3
PLGL 227**	Introduction to Bankruptcy	1
PLGL 228**	Introduction to Workers' Compensation	1
PLGL 237**	Elder Law	3
PLGL 245**	Introduction to Social Security Disability	1
PLGL 299	Paralegal Internship	3

Career Studies - 9 credits from courses remaining above, or from the following:

BUSI 221	Business Law I	3
BUSI 222**	Business Law II	3
BTEC 105	Introduction to Computer Keyboarding	1
BTEC 106	ABC's of PC's	1
PLGL 126*	Constitutional Law	3
PLGL 136	Administrative Law	3
PLGL 206**	Torts	3
PLGL 207	Moot Court	4
PLGL 235	Entertainment Law I	3
PLGL 295	Special Project - Paralegal Studies	1-4

Electives

		3
--	--	---

*Offered Fall Term only
**Offered Spring Term only

Suggested Sequence - For students matriculated before July 1, 2007 Paralegal Studies Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1			
PLGL 105	3	Career Studies	6
Career Studies	3	PLGL 106	4
ENGL 121	3	SPCH 115	3
Social Science	3	Humanities	3
PLGL 145	3		16
	15		
SEMESTER 3			
PLGL 210	3	SEMESTER 4	
Career Studies	6	PLGL 205**	3
Math or Science or Technology	3-4	Career Studies	6
General Education	3	General Education	3
	15-16	Elective	3
			15
		Total Credits for Degree	61-62

**Offered Spring Term only

Radiologic Technology Program A.A.S. Degree

This program prepares students for entry-level positions in diagnostic imaging. Students work with patients, performing a full range of diagnostic radiographic procedures. Clinical experiences are required of all students. Graduates are employed by hospitals, clinics, diagnostic imaging centers and physician's offices. Upon completion of the Radiologic Technology Program, students will be eligible to sit for the American Registry of Radiologic Technologists examination in Radiography. After successful completion of this examination and application to the Board of Radiologic Technology Examiners, the graduate is also eligible for state licensure. The program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 900, Chicago, Illinois 60606, (312) 704-5300. Specific admission criteria for the program are outlined on page 16 of this catalog. Separate policies exist for the Radiologic Technology Program, including grading. These policies can be found in the Radiologic Technology Student Handbook.

Graduates of this program will be able to:

- ✓ Assess, analyze, implement and evaluate imaging procedures
- ✓ Teach patients and families pertinent information regarding their imaging procedures
- ✓ Perform quality assurance activities
- ✓ Incorporate ethical/legal considerations in the action plan
- ✓ Exhibit therapeutic communication skills
- ✓ Practice as a member of the interdisciplinary healthcare team
- ✓ Apply principles from the social sciences, biologic sciences and humanities to their practice
- ✓ Continue personal and professional growth
- ✓ Practice within the limits and scope of a licensed Radiologic technologist

Requirements

General Education – 23 credits as follows:

Code	Course	Credits
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
COMP 129	Computer Literacy	3
ENGL 121	English Composition: The Writing Process	3
ENGL 122	English Composition: Writing and Research	3
	Humanities	3
PSYC 106	Introduction to Psychology II	3

Career Studies – 46 credits as follows:

HESC 105	Medical Terminology	3
RADT 140	Introduction to Radiologic Technology	5
RADT 141	Radiographic Exposures I	3
RADT 142	Radiographic Procedures I	5
RADT 145	Principles of Radiobiology	2
RADT 146	Radiographic Exposures II	2
RADT 147	Radiographic Procedures II	5
RADT 148	Clinical Practicum I	2
RADT 240	Radiologic Physics	2
RADT 241	Radiographic Exposures III	2
RADT 242	Radiographic Procedures III	5
RADT 245	Radiographic Pathology	2
RADT 246	Issues in Health Care	1
RADT 247	Radiographic Procedures IV	5
RADT 248	Clinical Practicum II	2

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007 Radiologic Technology Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. Students must satisfy specific requirements in order to be admitted to this program. See Admissions to Health Sciences Programs, page 16 in the catalog

The following degree requirement must be taken prior to admission:

Course Code	Credits	Course Code	Credits
HESC 105 - Medical Terminology	3		
SEMESTER 1		SEMESTER 2	
RADT 140	5	RADT 145	2
RADT 141	3	RADT 146	2
RADT 142	5	RADT 147	5
BIOL 111	4	BIOL 112	4
	17	ENGL 121	3
			16
SUMMER TERM			
RADT 148	2		
SEMESTER 3		SEMESTER 4	
RADT 240	2	RADT 245	2
RADT 241	2	RADT 246	1
RADT 242	5	RADT 247	5
PSYC 106	3	ENGL 122	3
COMP 129	3	Humanities	3
Elective	3		14
	18		
SUMMER TERM			
RADT 248	2	Total Credits for Degree	72

This degree may take longer than two years to complete. Although not required to be taken prior to beginning the program, general education courses may be taken before starting clinical courses or during the summer terms.

Respiratory Therapy Program A.A.S. Degree

This program prepares students for entry-level positions in respiratory care. Students work with patients in the treatment, management and control of problems and abnormalities associated with the cardiopulmonary system. Graduates work closely with patients, doctors, and nurses to provide diagnostic testing, therapeutics, education, rehabilitation, monitoring, life support and other specialized methods of treatment. Clinical learning experiences are required of all students. Upon completion of the program students are eligible to sit for the National Board of Respiratory Care (NBRC) Examination. After successful completion of this examination and application to the Respiratory Care Board, the graduate is also eligible for state licensure as a Certified Respiratory Therapist. Once licensed, graduates are eligible to take the Advanced Practitioner Examinations to become a Registered Respiratory Therapist (RRT). This program is accredited by the Commission on Accreditation for Allied Health Education Programs (CAAHEP) in cooperation with the Committee on Accreditation for Respiratory Care (CoArc), 1701 West Eules Blvd., Suite 300, Eules, Texas, 76040, (817) 283-2835. Specific admission criteria for the program are outlined on page 16 of this catalog. Separate policies exist for the Respiratory program including grading. These policies can be found in the Respiratory Therapy Student Handbook.

Graduates of this program will be able to:

- ✓ Assess, analyze, implement and evaluate respiratory care
- ✓ Incorporate ethical/legal considerations into the respiratory action plan
- ✓ Exhibit therapeutic communication skills
- ✓ Apply basic principles of management in the care of groups of patients
- ✓ Incorporate principles from the social sciences, biologic sciences and humanities into their practice
- ✓ Continue personal and professional growth
- ✓ Practice as a member of the interdisciplinary healthcare team
- ✓ Practice within the limits and scope of a licensed respiratory therapist

Requirements

General Education – 27 credits as follows:

Code	Course	Credits
BIOL 111	Anatomy and Physiology I	4
BIOL 112	Anatomy and Physiology II	4
BIOL 213	Microbiology	4
COMP 129	Computer Literacy	3
	*Communications	6
	**Humanities	3
	**Social Sciences	3

*Three credits of the six communication credits must be a course with a (●) designation

**Must be a course with a (●) designation

Career Studies – 37 credits as follows:

RESP 161	Cardiopulmonary Anatomy and Physiology	3
RESP 162	Fundamental Skills in Respiratory Therapy	6
RESP 163	Cardiopulmonary Pathophysiology	4
RESP 164	Patient Assessment and Diagnostics	5
RESP 261	Neonatal and Pediatric Respiratory Care	2
RESP 262	Adult Critical Care	7
RESP 263	Subacute Respiratory Care	2
RESP 264	Respiratory Care Practice	6
RESP 265	Issues and Trends in Health Care	2

Electives **3**

Advanced Placement in Respiratory Therapy

Certified Respiratory Therapists and persons with previous experience in Respiratory Therapy may be eligible for Advanced Placement. Applicants for Advanced Placement must have met all criteria for Allied Health admission and have completed all program requirements in order to be eligible for graduation. The process and criteria for Advanced Placement are available by request from the Allied Health Office.

Suggested Sequence – For students matriculated before July 1, 2007 Respiratory Therapy Program A.A.S. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress. Students must satisfy specific requirements in order to be admitted to this program. See Admission to Health Science Programs, page 16 in this catalog.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
RESP 161	3	RESP 163	4
RESP 162	6	RESP 164	5
BIOL 111	4	BIOL 112	4
COMP 129	3	Communications	3
	16		16
SEMESTER 3		SEMESTER 4	
RESP 261	2	RESP 263	2
RESP 262	7	RESP 264	6
BIOL 213	4	RESP 265	2
Humanities	3	Communications	3
Social Sciences	3	Elective	3
	19		16
		Total Credits for Degree	67

This degree may take longer than two years to complete. The above sequence is an example of how this degree can be completed in two years. Although not required to be taken prior to beginning the program, general education courses may be taken before starting clinical courses or during the summer terms.

Social Sciences Program A.A. Degree

The Social Sciences A.A. degree program is designed for students seeking a broad general education or transfer to a four-year institution. This program also provides personal enrichment in the social sciences. Students planning to major in the following areas should enroll in this program and choose from the following concentrations: anthropology, economics, history, interdisciplinary studies, philosophy, political science, psychology or sociology. The Social Sciences A.A. degree program will prepare students for transfer to degree programs leading to careers in the mental health professions, law, teaching, consulting, or the ministry.

Graduates of this program will be able to:

- ✓ Identify macro and micro social systems at global, national, regional, and community levels
- ✓ Identify and define various historical perspectives and the etiology of a variety of disciplines
- ✓ Identify and describe a variety of philosophical and theoretical perspectives found in a variety of social science schools of thought
- ✓ Identify and connect to transfer options leading to career paths in mental health, law, teaching and the ministry
- ✓ Demonstrate how social systems operate through culture to impact on individual behavior in everyday life experience
- ✓ Discuss the scientific methods use in social science research
- ✓ Describe how expressed individual behavior is developed and modified within different societal frameworks
- ✓ Demonstrate cultural competence in a diverse work and community environment
- ✓ Identify and describe deviant behavior within a cultural context
- ✓ Expand their personal views on controversial issues
 - same sex relationships
 - patterns of “marriage”
 - quality of life
 - issues of choice
 - birth control practices
 - life termination
 - religious and cult practices

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the Social Sciences, with at least 6 credits in one of the following concentrations: anthropology, economics, history, interdisciplinary studies, philosophy, political science, psychology, sociology.

Electives – 3 credits

Bachelor’s Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor’s degree in Liberal and Labor Studies at Brookdale’s **New Jersey Coastal Communiversit**y. For program details and transfer information, students should talk to their Student Development Specialist or call the Communiversity at 732-280-2090.

Suggested Sequence – For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual’s program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
COMP 129	3	Communications	3
Communications	3	Humanities	3
Humanities	3	Social Sciences	3
Social Sciences	3	General Education	6
General Education	3		15
	15		
SEMESTER 3		SEMESTER 4	
Career Studies	6	Career Studies	6
Communications	3	Math or Science or Technology	3-4
Math or Science or Technology	3-4	General Education	3
General Education	3	Elective	3
	15-16		15-16
		Total Credits for Degree	60-62

Social Sciences Program

A.A. Degree

Anthropology Option

This option prepares students for a Bachelor's degree in Anthropology. This program provides the framework for a scientific and comprehensive study of human behavior and society and introduces students to the major subfields of anthropology and the various associated specializations. Upon completion of the program, students will be able to make informed choices regarding their careers and academic areas of specialization. Students will be able to work effectively with diverse ethnic populations in many different disciplines such as education, healthcare, human and social services, and business and community development.

Graduates of this program will be able to:

- ✓ Identify career options within Anthropology and its allied fields
- ✓ Identify and define the subfields of anthropology
- ✓ Recognize the important role culture has in defining the human experience
- ✓ Recognize cultural universals and their role in decreasing cross-cultural misunderstandings
- ✓ Develop the skills to critically think about human cultural behaviors
- ✓ Develop an understanding of evolution as a scientific way of seeing human emergence and change over time
- ✓ Appreciate the role of fieldwork in increasing an anthropologist's understanding of the world's cultures
- ✓ Develop a respect and appreciation for how cultures deal with their environmental constraints
- ✓ Learn to appreciate the role globalization has in culture change

Requirements

General Education- 45 credits as described on page 47.

Career Studies - 3 credits as follows:

Code	Course	Credits
ANTH 105	Cultural Anthropology	3

Career Studies - 9 credits from among the following:

ANTH 106	Cultures of the World	3
ANTH 115	Introduction to Archaeology	3
ANTH 205	Culture and Personality	3
ANTH 215	Archaeological Laboratory Practicum	3
ANTH 216	Fieldwork in Archaeology	3
ANTH 295	Special Project - Anthropology	3

Electives		3
------------------	--	----------

Suggested Sequence - For students matriculated before July 1, 2007

Social Sciences Program A.A. Degree Anthropology Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
Communications	3	Communications	3
Humanities	3	Humanities (Language)	3
Math OR Science OR Technology	3-4	Social Sciences	3
Social Sciences	3	General Education	3
	15-16		15
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Communications	3	Math OR Science OR Technology	3-4
Math OR Science OR Technology	3-4	General Education	6
General Education	6	Elective	3
	15-16		15-16
		Total Credits for Degree	60-63

Social Sciences Program

A.A. Degree

Ethnic Studies Option

This option combines aspects of pre-existing disciplines in the social sciences and humanities (sociology, history, English) in order to prepare students to transfer to a four-year college in any diversity or ethnic studies-based program. The coursework provides students with the opportunity to explore various issues in the study of ethnic diversity. The option is designed to provide an understanding of the numerous relationships between various ethnic groups throughout the world. Students will be exposed to structures that exist within societies that shape people's experiences regarding race, culture, and ethnicity. The students within this program will explore various peoples' values and ideologies through the study of philosophy, literature, history and social scientific research.

Graduates of this program will be able to:

- ✓ Communicate skills and content effectively in written and verbal form
- ✓ Discuss diverse historical, social scientific, literary, cultural and social perspectives regarding race and ethnicity in a global setting
- ✓ Describe the conditions of different racial/ethnic groups in U.S. society
- ✓ Examine the current topics and research within the interdisciplinary field of ethnic/diversity studies
- ✓ Research and connect to transfer programs that can lead to careers in ethnic/diversity studies, psychology, sociology, political science, history, art and literature.

Requirements

General Education- 45 credits as described on page 47.

Career Studies - 9 credits as follows:

Code	Course	Credits
SOCI 101	Principles of Sociology	3
SOCI 105	Intercultural Communication	3
SOCI 216	Sociology of Minorities	3

Career Studies - 3 credits from among the following:

ANTH 106	Cultures of the World	3
ENGL 150	African-American Literature	3
HIST 126	Dimensions of the Holocaust	3
HIST 155	Native American Studies	3
HIST 215	African Civilization	3
HIST 216	Puerto Rican Culture	3
HIST 217	Modern Latin American History	3
HIST 225	Modern Asia	3
HIST 227	Middle Eastern History	3
HIST 235	Immigration & Ethnicity in American History	3
PHIL 225	Comparative Religion	3

Electives 3

Suggested Sequence – For students matriculated before July 1, 2007
Social Sciences Program A.A. Degree
Ethnic Studies Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ENGL 121	3	ENGL 122	3
Humanities	3	Humanities	3
Social Science	3	Social Science	3
SOCI 101	3	SOCI 105	3
General Education	3	Math or Science or Technology	3-4
	15		15-16
SEMESTER 3		SEMESTER 4	
Math or Science or Technology	3-4	Math or Science or Technology	3-4
Career Studies	3	Electives	3
SPCH 115	3	General Education	9
General Education	3		15-16
SOCI 216	3		
	15-16	Total Credits for Degree	60-63

Social Sciences Program A.A. Degree

History Option

This option prepares students for a history degree for transfer to a four-year college history program, and allows students the opportunity to explore this subject for the following reasons: intellectual curiosity, expands awareness of other cultures, develops imagination and helps connect the past to contemporary concerns. Careers more typically pursued by history majors include business, law, government service, diplomacy, publishing, journalism, social work, library and museum work, as well as teaching.

Graduates of this program will be able to:

- ✓ Demonstrate and summarize knowledge of historical content
- ✓ Communicate skills and content effectively in written and verbal forms
- ✓ Explain the impact of historical developments on their lives and the diverse world around them

Requirements

General Education- 45 credits as described on page 47.

Career Studies - 12 credits from among the following.

The selected courses must include at least one sequence of HIST 105/HIST 106, or HIST 135/HIST 136.

Code	Course	Credits
HIST 105	World Civilization I	3
HIST 106	World Civilization II	3
HIST 107	Contemporary World History	3
HIST 116	Vietnam: Historical Perspectives	3
HIST 125	Women's History Survey: Experiences, Contributions and Debates	3
HIST 135	American Civilization I	3
HIST 136	American Civilization II	3
HIST 137	Recent American History	3
HIST 138	The 1960s: Pop Music and the Counterculture	3
HIST 145	African American History I	3
HIST 146	African American History II	3
HIST 155	Native American Studies	3
HIST 202	History of New Jersey	3
HIST 205	History of World War II	3
HIST 215	African Civilization	3
HIST 217	Modern Latin America	3
HIST 225	Modern Asia	3
HIST 226	History of Modern Russia	3
HIST 227	Middle Eastern History	3
HIST 237	American Civil War	3
Electives		3

Suggested Sequence – For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree History Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
HIST 105 or HIST 135	3	HIST 106 or HIST 136	3
Communications	3	Communications	3
Humanities	3	Humanities	3
Math OR Science OR Technology	3-4	Social Sciences	3
Social Sciences	3	General Education	3
	15-16		15
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
Communications	3	Math OR Science OR Technology	3-4
Math OR Science OR Technology	3-4	General Education	6
General Education	6	Elective	3
	15-16		15-16
		Total Credits for Degree	60-63

Social Sciences Program A.A. Degree

International Studies Option

Students wishing to transfer to four-year colleges to prepare for careers in global history and area studies, international relations, intercultural counseling, international business, teaching, foreign service, journalism, and global mediation and conflict resolution, should choose this option. Emphasis is placed on courses that have a strong international focus. Study in another country through the International Center is highly recommended. See your counselor for advice.

Graduates of this program will be able to:

- ✓ Demonstrate language proficiency at the upper elementary level including an appraisal of the relationship between the language and other elements of the culture investigated
- ✓ Understand content of their specific discipline concentration, while appraising and synthesizing the connections between that discipline and the wider world
- ✓ Analyze specific discipline content from a global perspective, distinguishing and evaluating various perspectives within the discipline
- ✓ Express and demonstrate cultural competence in a diverse global environment, preferably through a study abroad experience or an intercultural community service experience
- ✓ Compare, interpret, and synthesize diverse historical, economic, artistic, cultural, and social perspectives in a global setting
- ✓ Express and create awareness of diverse global perspectives through written and verbal communication in classroom and community settings
- ✓ Research and connect to transfer programs that can lead to careers in international relations, intercultural counseling, international business and finance, teaching, international service and government, journalism and media studies and communication, global mediation and conflict resolution

Requirements

General Education - 45 credits as described on page 47. 24 credits from among the following general education courses, while not required, are recommended for students choosing this program.

Code	Course	Credits
ANTH 105	Cultural Anthropology	3
ARTH 106	History of Art: Ancient Through Medieval	3
ARTH 107	History of Art: Renaissance through Contemporary	3
ECON 105	Macro Economics	3
ENGL 235	World Literature I	3
ENGL 236	World Literature II	3
HIST 105	World Civilization I	3
HIST 106	World Civilization II	3
PHIL 225	Comparative Religion	3
POLI 225	International Relations	3
SOCI 105	Intercultural Communication	3

Career Studies - 6-8 credits from among the following:

*Modern Languages (Two Semester Sequence)	6-8
---	-----

Career Studies - 6-12 credits from among the following:

ANTH 205	Culture and Personality	3
HGEO 105	Human Geography	3
HIST 107	Contemporary World History	3
HIST 217	Latin American Civilization	3
HIST 225	Modern Asia	3
HIST 227	Middle Eastern History	3
POLI 227	Comparative Politics	3

Electives - 3 credits

**BUSI 251	Global Business	3
------------	-----------------	---

Study Abroad

Students are strongly encouraged to study in another country while earning credits towards their degree. The Brookdale Community College International Center will assist in placing students in a study-abroad program. It is recommended that students investigate the study-abroad option early in their course selection.

**Students with no prior language study are required to take two consecutive semesters of a modern language (6-8 credits). Students who can demonstrate proficiency at the upper elementary level (Completion of Level 2) can satisfy this requirement by appropriate documentation and counselor evaluation in conjunction with the Modern Languages Department. Students electing to take language courses beyond the required credits may apply them to General Education and/or Elective Requirements. Students who wish to pursue a major in international studies at a four-year school are advised that intermediate proficiency in a language is often required.*

***Recommended for students pursuing an international major in business. See your Student Development Specialist (counselor) to verify transferability.*

Suggested Sequence - For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree International Studies Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
SOCI 105	3	Modern Language	3-4
Modern Language	3-4	ENGL 122	3
COMP 129	3	Humanities	3
Communications	3	Social Sciences	3
Social Sciences	3	General Education	3
	15-16		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
SPCH 115	3	Science	3-4
Humanities	3	General Education	6
Mathematics	3-4	Elective	3
General Education	3		15-16
	15-16	Total Credit for Degree	60-64

Social Sciences Program

A.A. Degree

Philosophy Option

This option prepares students for transfer to a four-year college Philosophy Program in preparation for academic professions such as teaching or scholarly research/writing. Skills developed in this program are highly valued in many types of employment such as Law, Business, Bioethics, Nursing, Education, Religious Ministry, Employee Relations, Government, Technical Writing and Publishing.

Graduates of this program will be able to:

- ✓ Assess critically arguments found in public discourse, using deductive and inductive logic and other critical thinking techniques
- ✓ Understand the metaphysical, epistemological and ethical implications in the formulation of their own opinions
- ✓ Present ideas clearly in written form about difficult issues, such as life and death, truth and reality

Requirements

General Education- 45 credits as described on page 47.

Career Studies - 12 credits as follows:

Code	Course	Credits
PHIL 115	Introduction to Philosophy	3
PHIL 225	Comparative Religion	3
PHIL 226	Logic	3
PHIL 227	Introduction to Ethics	3

Electives **3**

Suggested Sequence – For students matriculated before July 1, 2007

Social Sciences Program A.A. Degree

Philosophy Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PHIL 115	3	Career Studies	3
Communications	3	Communications	3
Humanities	3	Humanities	3
Social Sciences	3	Social Sciences	3
Elective	3	Math or Science or Technology	3-4
	15		15-16
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
SPCH 115	3	Math or Science or Technology	3-4
Math or Science or Technology	3-4	General Education	9
General Education	6		15-16
	15-16	Total Credit for Degree	60-63

Social Sciences Program A.A. Degree

Political Science Option

This option combines political science and other liberal arts courses required for transfer to a four-year college political science program. Upon the receipt of either an Associate's or Bachelor's degree, a student may enter such occupations as Federal, State, county or local government service, political consulting, interest group staffs, political parties, international business or government service; the teaching of civics and history courses, journalism, law enforcement or law.

Graduates of this program will be able to:

- ✓ Communicate skills and content effectively in written and verbal forms
- ✓ Complete written assignments demonstrating skills of political analysis
- ✓ Explain political science methodology
- ✓ Compare and contrast political ideologies and theories of governance
- ✓ Describe the workings of a democratic civil society
- ✓ Summarize the content of important political documents such as the Declaration of Independence, the US Constitution, the Bill of Rights, and the UN Charter on Human Rights
- ✓ Illustrate in written and oral form the diversity of global political life and the impact of such diversity on their personal lives

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 12 credits from among the following:

Code	Course	Credits
POLI 101	Introduction to Political Science	3
POLI 105	American National Government	3
POLI 109	Current Global Topics	3
POLI 115	State and Local Government	3
POLI 225	International Relations	3
POLI 227	Comparative Politics	3
POLI 228	Environmental Politics and Policy	3
POLI 299	Political Science Internship	3
Electives		3

Suggested Sequence – For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree Political Science Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	Career Studies	3
Communications	3	Communications	3
Humanities	3	Humanities	3
Social Sciences	3	Social Sciences	3
Elective	3	General Education	3
	15		15
SEMESTER 3		SEMESTER 4	
Career Studies	3	Career Studies	3
SPCH 115	3	Math OR Science OR Technology	3-4
Math OR Science OR Technology	3-4	General Education	9
General Education	6		15-16
	15-16	Total Credits for Degree	60-62

Social Sciences Program A.A. Degree

Psychology Option

Students wishing to transfer to four-year colleges as Psychology majors should choose this option. The Psychology option introduces students to the scientific framework for understanding and analyzing human behavior. It also provides a sufficiently broad introduction to the various areas of psychology so that students can make informed choices regarding research areas of specialization or career paths in clinical, educational, social work or industrial settings.

Graduates of this program will be able to:

- ✓ Identify occupational opportunities in the Psychology field
- ✓ Identify and define the essential elements of the history of Psychology
- ✓ Compare and contrast the importance of psychodynamic, cognitive and behavioral concepts in the field
- ✓ Appraise the scientific study and measurement of psychology and its concepts
- ✓ Describe the basic psychological aspects of child development
- ✓ Discuss the basic structure and physiology of the brain
- ✓ Express their personal views on controversial issues such as repressed memories and gay marriage

Requirements

General Education – 45 credits as described on page 47.

Career Studies – 9 credits as follows:

Code	Course	Credits
PSYC 105	Introduction to Psychology I	3
PSYC 208	Life Span Human Development	3
PSYC 245	Introduction to Quantitative Methods in Social Science	3

Career Studies – 3 credits from the following:

PSYC 106	Introduction to Psychology II	3
PSYC 107	Personality and Adjustment	3
PSYC 205	Industrial/Organizational Psychology	3
PSYC 206	Human Growth and Development I	3
PSYC 207	Human Growth and Development II	3
PSYC 216	Abnormal Psychology	3
PSYC 217	Social Psychology	3
PSYC 219	Positive Psychology	3

Electives 3

Bachelor's Through Brookdale

This is a preferred associate degree for students planning to pursue a Bachelor's degree in Psychology at Brookdale's **New Jersey Coastal Communi-versity**. For program details and transfer information, students should talk to their Student Development Specialist or call the Communi-versity at 732-280-2090.

Suggested Sequence – For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree Psychology Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
PSYC 105	3	PSYC 106	3
Communications	3	PSYC 208	3
Humanities	3	Communications	3
Math OR Science OR Technology	3-4	Humanities	3
Social Sciences	3	Social Sciences	3
	15-16		15
SEMESTER 3		SEMESTER 4	
PSYC 245	3	Math OR Science OR Technology	3-4
Communications	3	General Education	9
Math OR Science OR Technology	3-4	Elective	3
General Education	6		15-16
	15-16	Total Credits for Degree	60-63

Social Sciences Program A.A. Degree

Public Administration Option

This option combines government, political science and management courses with liberal arts studies for students who wish to transfer to a four-year college with majors in public service, government or pre-law. Upon receipt of bachelor's degrees, students enter such fields as urban planning, economics, labor relations, federal service.

Graduates of this program will be able to:

- ✓ Communicate the skills and content effectively in written and verbal forms
- ✓ Describe the structure and functions of State, County, and Local Government
- ✓ Compare and contrast different perspectives of sociological theory and their application to everyday work and community experiences
- ✓ Display knowledge of social science research methodology
- ✓ Appraise different perspectives of individual and group decision-making processes and how these processes affect the workplace and community relations
- ✓ Explain and apply principles of public administration and management

Requirements

General Education – 45 credits as described on page 47.

The following courses, while not required, are recommended for students in this program:

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
POLI 115	State, County and Local Government	3
PSYC 105	Introduction to Psychology I	3
SOCI 101	Principles of Sociology	3
SPCH 115	Effective Speech	3

Career Studies – 3 credits as follows:

CRJU 126	Introduction to Public Administration	3
----------	---------------------------------------	---

Career Studies — 9 credits from among the following:

BUSI 205	Principles of Management	3
CRJU 101	Introduction to the Criminal Justice System	3
CRJU 151	Introduction to Criminology	3
CRJU 225	Police Organization and Administration	3
ECON 105	Macro Economics	3
POLI 105	American National Government	3
POLI 115	State and Local Government	3
POLI 295	Special Project – Political Science	1-3
PSYC 205	Industrial/Organizational Psychology	3
PSYC 212	Community Agencies and Human Services Systems	3
SOCI 101	Principles of Sociology	3
SOCI 202	Analysis of Social Problems	3
SOCI 295	Special Project–Sociology	1-6

Electives		3
-----------	--	---

Suggested Sequence – For students matriculated before July 1, 2007 Social Sciences Program A.A. Degree Public Administration Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
Career Studies	3	CRJU 126	3
Communications	3	Communications	3
Humanities	3	Humanities	3
Social Sciences	3	Social Sciences	3
General Education	3	General Education	3
	15		15
SEMESTER 3		SEMESTER 4	
Career Studies	6	Science	3-4
Communications	3	General Education	9
Math OR Science OR Technology	3-4	Elective	3
General Education	3		15-16
	15-16	Total Credits for Degree	60-62

*CRJU 101 strongly recommended.

Technical Studies Program A.A.S. Degree

Business Management Option

This career program is designed for students with prior work experience and apprenticeship training to earn an Associate's degree and pursue a business career related to their technical expertise. Students may be granted up to 22 college credits from training programs approved by the American Council on Education. Students complete course work that provides management training for employment opportunities in business or in establishing their own business.

Graduates of this program will be able to:

- ✓ Analyze business situations and develop effective plans for achievement of goals
- ✓ Select appropriate software to solve business-related problems
- ✓ Utilize internet research to analyze and integrate information for solutions to business-related problems
- ✓ Make decisions that reflect an understanding of how political-legal, competitive, technological, economic and social issues influence business
- ✓ Communicate an understanding of business principles in written and oral form
- ✓ Demonstrate effective team/interpersonal skills

Requirements

General Education - 20 credits as described on page 47.

The following courses, while not required, are recommended for students in this program:

Code	Course	Credits
ENGL 121	English Composition: The Writing Process	3
SPCH 115	Effective Speech	3
ECON 105	Macro Economics	3
COMP 129	Computer Literacy	3
SPAN 101	Elementary Spanish	4
MRKT 101	Introduction to Marketing	3
COMP 128	BASIC Programming	1

Technical Core - A maximum of 22 credits

(if student does not have 22 technical credits, the remaining credits can be elective credits approved by assigned counselor or can be completed through the apprenticeship program while also taking Brookdale courses) from the following:

Apprenticeship Training	
Military Training	
Trade/Proprietary Education	22

Career Studies --- 18 credits as follows:

BUSI 105	Introduction to Business	3
BUSI 165	Computer Applications in Business	3
BUSI 205	Principles of Management	3
BUSI 206*	Supervisory Management	3
BUSI 231	Human Resource Management	3
BUSI 241	Small Business Management	3

Total Credits for Degree 60

*Offered Spring Term only

Suggested Sequence - For students matriculated before July 1, 2007
Technical Studies A.A.S. Degree
Business Management Option

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites and presumes a Fall Term start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Course Code	Credits	Course Code	Credits
SEMESTER 1		SEMESTER 2	
ENGL 121	3	SPCH 115	3
COMP 128	1	BUSI 165	3
COMP 129	3	SPAN 101	4
BUSI 105	3	Technical Core	5
Technical Core	5		
	15		15
SEMESTER 3		SEMESTER 4	
ECON 105	3	BUSI 206*	3
BUSI 205	3	BUSI 241	3
BUSI 231	3	MRKT 101	3
Technical Core	6	Technical Core	6
	15		15
		Total Credits for Degree	60

*Offered Spring Term only